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Issued November 7, 1912.

U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF STATISTICS—BULLETIN 99.
VICTOR H. OLMSTED, Chief of Bureau.

# WAGES OF FARM LABOR.

NINETEENTH INVESTIGATION, IN 1909, CONTINUING A SERIES THAT BEGAN IN 1866.

BY

GEORGE K. HOLMES,
*Chief of Division of Production and Distribution.*

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1912.

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# LETTER OF TRANSMITTAL.

United States Department of Agriculture,
Bureau of Statistics,
*Washington, D. C., June 30, 1912.*

Sir: I have the honor to transmit herewith the results of the nineteenth investigation of the wage rates of farm labor in the series of investigations that began in 1866 and now covers a period of 44 years.

These investigations embody the only attempt that has been made in this country to represent the wages of farm labor as State averages, with a proper weighting for the purpose of obtaining averages for geographic divisions and for the United States. The utility of the bulletins of this bureau concerning the wages of farm labor was long ago recognized and has increased with the lapse of time.

It is respectfully recommended that this report be published as Bulletin 99 of this Bureau.

Very respectfully, Victor H. Olmsted,
*Chief of Bureau.*

Hon. James Wilson,
*Secretary of Agriculture.*



Additional copies of this publication may be procured from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 10 cents per copy

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# WAGES OF FARM LABOR.

## Part I.—OUTDOOR LABOR OF MEN.

### THE EARLIER RECORDS.

#### CONTRIBUTIONS FROM MANY SOURCES.

Nineteen times this bureau has investigated the wage rates of the labor of men on farms throughout the United States, beginning with 1866 and ending with 1909, a period of 44 years. These investigations have all ascertained wage rates, not only for all the States in existence at the time, but also for the Nation as a whole. In planning and conducting these investigations, the aim has been to learn the customary rates of farm wages in every neighborhood in the United States and to combine these rates arithmetically, so as to make general averages for the several States, for the geographic divisions of States, and for the United States. The first of the 19 investigations, made in 1866, was the first attempt to make a scientifically established average of wage rates, either for farm labor or for any other kind of labor.

Preliminary to a presentation of the results of this—the nineteenth—statement of average wage rates is collected such information as has been discovered concerning the wage rates of farm labor in this country preceding 1866. This information is scattering and unsystematized and most of it is expressed in individual wage rates, sometimes for specified kinds of work, instead of in general averages.

#### FOR MASSACHUSETTS.

The Sixteenth Annual Report of the Massachusetts Bureau of Statistics of Labor contains the results of an investigation of the wage rates of all varieties of labor, and from that report extracts have been made for agricultural labor to make Table 1. The rates given are not averages, but stand for individual contracts.

The Massachusetts bureau also published quotations from decrees of the general court (published in Felt's History of Massachusetts Currency) by which wage rates were regulated from time to time. The information is in Table 2.

TABLE 1.—*Wage rates of labor of men on farms in Massachusetts, 1752–1860.*

[Sixteenth annual report of the Massachusetts Bureau of Statistics of Labor, p. 317. Each line stands for one or a few individual instances. Neither board nor lodging included, unless so stated.]

| Year. | Grade of labor. | By the— | Wage rate. |
|---|---|---|---|
| 1752 | | Day. | $0.333 |
| 1753 | | Day. | .37 |
| 1754 | | Day. | .333 |
| 1755 | | Day. | .356 |
| 1756 | | Day. | .333 |
| 1756 | Plowing green sward | Day. | 2.00 |
| 1757 | | Day. | .317 |
| 1757 | With oxen | Day. | 1.00 |
| 1758 | | Day. | .259 |
| 1759 | | Day. | .25 |
| 1759 | With oxen | Day. | 1.00 |
| 1760 | | Day. | .25 |
| 1761 | | Day. | .319 |
| 1763 | | Day. | .333 |
| 1763 | With oxen | Day. | 2.00 |
| 1764 | High | Day. | .389 |
| 1764 | Low | Day. | .333 |
| 1765 | Plowing | Day. | 1.33 |
| 1766 | | Day. | .333 |
| 1767 | | Day. | .271 |
| 1770 | | Day. | .336 |
| 1771 | | Day. | .333 |
| 1771 | Boys | Day. | .167 |
| 1772 | | Day. | .333 |
| 1772 | Boys | Day. | .167 |
| 1773 | | Day. | .342 |
| 1774 | | Day. | .356 |
| 1775 | | Day. | .344 |
| 1775 | | Week. | 1.75 |
| 1776 | High | Day. | .50 |
| 1776 | Medium | Day. | .333 |
| 1776 | Low | Day. | .167 |
| 1777 | | Day. | .556 |
| 1777 | With oxen | Day. | 1.50 |
| 1781 | High | Day. | .444 |
| 1781 | Low | Day. | .40 |
| 1782 | High | Day. | .483 |
| 1782 | Medium | Day. | .389 |
| 1782 | Low | Day. | .333 |
| 1783 | High | Day. | .423 |
| 1783 | Low | Day. | .347 |
| 1784 | | Day. | .394 |
| 1785 | High | Day. | .468 |
| 1785 | Low | Day. | .351 |
| 1786 | | Day. | .333 |
| 1787 | High | Day. | .56 |
| 1787 | Low | Day. | .392 |
| 1788 | High | Day. | .444 |
| 1788 | Medium | Day. | .389 |
| 1788 | Low | Day. | .333 |
| 1789 | | Day. | .423 |
| 1790 | High | Day. | .425 |
| 1790 | Medium | Day. | .333 |
| 1790 | Low | Day. | .25 |
| 1791 | | Day. | .438 |
| 1792 | High | Day. | .403 |
| 1792 | Low | Day. | .167 |
| 1793 | | Day. | .353 |
| 1794 | High | Day. | .667 |
| 1794 | Low | Day. | .416 |
| 1795 | High | Day. | .75 |
| 1795 | Medium | Day. | .57 |
| 1795 | Medium low | Day. | .416 |
| 1795 | Low | Day. | .393 |
| 1796 | | Day. | .487 |
| 1797 | | Day. | .436 |
| 1798 | High | Day. | .833 |
| 1798 | Low | Day. | .41 |
| 1799 | High | Day. | .528 |
| 1799 | Low | Day. | .43 |
| 1800 | | Day. | .424 |
| 1801 | | Day. | .577 |
| 1802 | | Day. | .622 |
| 1803 | | Day. | .517 |
| 1804 | High | Day. | 1.00 |
| 1804 | Low | Day. | .612 |
| 1805 | High | Day. | 1.33 |
| 1805 | Medium | Day. | 1.00 |
| 1805 | Medium low | Day. | .883 |
| 1805 | Low | Day. | .617 |
| 1806 | High | Day. | $1.17 |
| 1806 | Medium | Day. | 1.00 |
| 1806 | Low | Day. | .625 |
| 1807 | High | Day. | .83 |
| 1807 | Medium | Day. | .667 |
| 1807 | Low | Day. | .58 |
| 1808 | High | Day. | 1.00 |
| 1808 | Medium | Day. | .844 |
| 1808 | Low | Day. | .75 |
| 1808 | Boys | Day. | .167 |
| 1809 | High | Day. | .58 |
| 1809 | Low | Day. | .50 |
| 1810 | High | Day. | 1.17 |
| 1810 | Medium | Day. | 1.00 |
| 1810 | Low | Day. | .639 |
| 1811 | High | Day. | .683 |
| 1811 | Low | Day. | .50 |
| 1811 | Boys | Day. | .25 |
| 1812 | High | Day. | 1.25 |
| 1812 | Medium | Day. | 1.00 |
| 1812 | Medium low | Day. | .667 |
| 1812 | Low | Day. | .50 |
| 1813 | High | Day. | 1.25 |
| 1813 | Low | Day. | .667 |
| 1814 | High | Day. | .792 |
| 1814 | Low | Day. | .607 |
| 1814 | With double team | Day. | 3.00 |
| 1815 | | Day. | .868 |
| 1815 | | Month. | 13.50 |
| 1815 | With board | Day. | .56 |
| 1815 | With board and lodging | Month. | 8.00 |
| 1815 | With two meals a day | Month. | 10.00 |
| 1816 | High | Day. | .909 |
| 1816 | Low | Day. | .595 |
| 1816 | Plowing with oxen | Day. | 1.50 |
| 1817 | | Day. | .827 |
| 1818 | | Day. | 1.49 |
| 1819 | | Day. | .533 |
| 1820 | High | Day. | 1.00 |
| 1820 | Medium | Day. | .75 |
| 1820 | Low | Day. | .50 |
| 1821 | High | Day. | 1.00 |
| 1821 | Medium | Day. | .664 |
| 1821 | Low | Day. | .447 |
| 1821 | With oxen | Day. | 2.00 |
| 1821 | With oxen; with board | Day. | 1.50 |
| 1821 | With four oxen and plow, high. | Day. | 2.40 |
| 1821 | With four oxen and plow, low. | Day. | 1.67 |
| 1822 | | Day. | .771 |
| 1823 | High | Day. | 1.25 |
| 1823 | Medium | Day. | 1.00 |
| 1823 | Low | Day. | .57 |
| 1823 | With oxen | Day. | 1.50 |
| 1825 | High | Day. | .992 |
| 1825 | Medium | Day. | .74 |
| 1825 | Low | Day. | .50 |
| 1825 | High | Month. | 18.00 |
| 1825 | Low | Month. | 15.00 |
| 1825 | With board, high | Day. | .66 |
| 1825 | With board, low | Day. | .50 |
| 1825 | With two meals a day, high. | Month. | 15.00 |
| 1825 | With two meals a day, low. | Month. | 12.00 |
| 1825 | With board and lodging, high. | Month. | 12.00 |
| 1825 | With board and lodging, low. | Month. | 10.00 |
| 1825 | With oxen | Day. | 1.50 |
| 1826 | High | Day. | .784 |
| 1826 | Low | Day. | .45 |
| 1827 | High | Day. | 1.00 |
| 1827 | Medium | Day. | .80 |
| 1827 | Low | Day. | .628 |
| 1827 | Shearing sheep | Day. | 1.34 |
| 1828 | High | Day. | 1.00 |
| 1828 | Medium | Day. | .75 |
| 1828 | Low | Day. | .575 |

TABLE 1.—*Wage rates of labor of men on farms in Massachusetts, 1752–1860*—Contd.

| Year. | Grade of labor. | By the— | Wage rate. | Year. | Grade of labor. | By the— | Wage rate. |
|---|---|---|---|---|---|---|---|
| 1831 | High | Day. | $1.00 | 1845 | Low | Day. | $0.90 |
| 1831 | Low | Day. | .75 | 1845 | High | Month. | 20.00 |
| 1835 | High | Day. | 1.00 | 1845 | Low | Month. | 15.00 |
| 1835 | Low | Day. | .75 | 1845 | With board and lodging, high. | Month. | 12.00 |
| 1835 | High | Month. | 18.00 | 1845 | With board and lodging, low. | Month. | 10.00 |
| 1835 | Low | Month. | 15.00 | 1845 | With two meals a day, high. | Month. | 15.00 |
| 1835 | With board, high | Day. | .60 | 1845 | With two meals a day, low. | Month. | 12.00 |
| 1835 | With board, low | Day. | .50 | 1860 | High | Day. | 1.12 |
| 1835 | With two meals a day, high. | Month. | 15.00 | 1860 | Low | Day. | 1.00 |
| 1835 | With two meals a day, low. | Month. | 12.00 | 1860 | High | Month. | 25.00 |
| 1835 | With board and lodging, high. | Month. | 12.00 | 1860 | Low | Month. | 18.00 |
| 1835 | With board and lodging, low. | Month. | 10.00 | 1860 | With board, high | Month. | 12.00 |
| 1845 | High | Day. | 1.00 | 1860 | With board, low | Month. | 10.00 |

SUMMARY BY DECADES.

| Year. | Grade of labor. | By the— | Wage rate. | Year. | Grade of labor. | By the— | Wage rate. |
|---|---|---|---|---|---|---|---|
| 1752–1760 | | Day. | $0.311 | 1821–1830 | With two meals a day. | Month. | $13.50 |
| 1752–1760 | With oxen | Day. | 1.33 | 1821–1830 | With oxen | Day. | 1.82 |
| 1761–1770 | | Day. | .33 | 1831–1840 | | Day. | .875 |
| 1761–1770 | With oxen | Day. | 1.66 | 1831–1840 | | Month. | 16.50 |
| 1771–1780 | | Day. | .315 | 1831–1840 | With board | Day. | .55 |
| 1771–1780 | With oxen | Day. | 1.50 | 1831–1840 | With board and lodging. | Month. | 11.00 |
| 1781–1790 | | Day. | .396 | 1831–1840 | With two meals a day. | Month. | 13.50 |
| 1791–1800 | | Day. | .478 | 1841–1850 | | Day. | .95 |
| 1801–1810 | | Day. | .779 | 1841–1850 | | Month. | 17.50 |
| 1811–1820 | | Day. | .782 | 1841–1850 | With board and lodging. | Month. | 11.00 |
| 1811–1820 | | Month. | 13.50 | 1841–1850 | With two meals a day. | Month. | 13.50 |
| 1811–1820 | With board | Day. | .56 | 1851–1860 | | Day. | 1.01 |
| 1811–1820 | With board and lodging. | Month. | 8.00 | 1851–1860 | | Month. | 21.50 |
| 1811–1820 | With two meals a day. | Month. | 10.00 | 1851–1860 | With board | Month. | 11.88 |
| 1811–1820 | With oxen | Day. | 2.25 | 1861–1880 | | Day. | 1.31 |
| 1821–1830 | | Day. | .803 | 1861–1880 | With board | Day. | .888 |
| 1821–1830 | | Month. | 16.50 | 1861–1880 | do | Month. | 15.72 |
| 1821–1830 | With board | Day. | .58 | 1881–1883 | | Day. | 1.37 |
| 1821–1830 | With board and lodging. | Month. | 11.00 | 1881–1883 | With board | Month. | 18.00 |

TABLE 2.—*Wage rates of outdoor labor of men on farms in Massachusetts, 1672–1777.*

[Obtained from quotations of decrees of the general court (published in Felt's History of Massachusetts Currency), by which wage rates were regulated from time to time.]

| Year. | Grade of labor. | By the— | Wage rate. |
|---|---|---|---|
| | Farm laborers, cutting peas | Acre | $0.50 |
| | Farm laborers, mowing English grass | Acre | .333 |
| | Farm laborers, mowing salt marsh | Acre | .333 |
| | Farm laborers, mowing fresh meadow | Acre | .25 |
| 1672 | Farm laborers, reaping wheat | Acre | .667 |
| | Farm laborers, reaping rye | Acre | .50 |
| | Farm laborers, reaping barley | Acre | .167 |
| | Farm laborers, reaping oats | Acre | .167 |
| | Farm laborers, cutting wood | Cord | .209 |
| 1777 | Farm laborers, summer, with board | Day | .50 |

In Bulletin 4 of this bureau, supplementary to the regular investigation of wage rates, the Statistician collected information with regard to rates covering a period from 1840 to 1865, the facts being obtained from account books possessed by farmers. Such records, of course, were evidence merely of wage rates paid only in specific

instances, and were not averages; yet they were probably fairly indicative of the rates paid at the time. The following matter is abstracted from Bulletin 4:

From account books belonging to the ancestors of David E. Hoxie, of Leeds, Hampshire County, Mass., the following statement, showing actual wages paid at different dates during the years 1840 to 1862 for various classes of farm labor, is taken:

TABLE 3.—*Massachusetts farm record of wages paid.*

| Year and item. | Time covered by rate. | Wage rate. | |
|---|---|---|---|
| | | Without board. | With board. |
| **1840.** | | | |
| Five months, from June 1 to November | Month | | $13.50 |
| Eight months from Dec. 1 | ...do.. | | 14.50 |
| January, 1 month | ...do.. | | 10.00 |
| Apr. 1 to June 1 | ...do.. | | 14.50 |
| June 8, 6 months | ...do.. | | 13.50 |
| January, hand and yoke cattle | Day... | $2.00 | |
| Getting out manure | ...do.. | | .75 |
| July, haying | ...do.. | | 1.00 |
| **1841.** | | | |
| Not specified | Year.. | | 125.00 |
| December to April | Month | | 11.00 |
| **1842.** | | | |
| April, 7 months | Month | | 12.00 |
| December, 1 month | ...do.. | | 8.00 |
| December, 8 months | ...do.. | | 14.50 |
| April to September, 5 months | ...do.. | | 13.00 |
| March | Day... | | .67 |
| October, 1 month | Month | | 10.00 |
| Eight months from Apr. 1 | ...do.. | 14.50 | |
| May, hand, 1 day | Day... | .83 | |
| Do | ...do.. | .75 | |
| July, mowing | ...do.. | 1.00 | |
| Seven months from Apr. 1 | Month | 12.00 | |
| Do | ...do.. | 10.00 | |
| Four months from Dec. 1 | ...do.. | 10.00 | |
| **1843.** | | | |
| September, 1 month | Month | | 9.00 |
| October, 1 month | ...do.. | | 5.50 |
| November, 4 months | ...do.. | | 8.00 |
| April, 7 months | ...do.. | | 14.50 |
| **1844.** | | | |
| April, 8 months | Month | | 12.50 |
| Do | ...do.. | | 14.50 |
| **1845.** | | | |
| October, digging potatoes | Day... | .67 | |
| April, 8 months | Month | | 14.00 |
| December, 4 months | ...do.. | | 10.00 |
| **1846.** | | | |
| April, 8 months | Month | | 14.50 |
| Do | ...do.. | | 12.50 |
| **1847.** | | | |
| December, 3½ months | Month | | 11.00 |
| April, 8 months | ...do.. | | 12.50 |
| April, 4 months | ...do.. | | 10.00 |
| **1848.** | | | |
| April, 8 months | Month | | 14.50 |
| April, 4 months | ...do.. | | 11.00 |
| April, 6 months | ...do.. | | 15.00 |
| December, 4 months | ...do.. | | 11.00 |
| **1854.** | | | |
| Eight months, from April to December | Month | | $14.50 |
| **1855.** | | | |
| April, 8 months | Month | | 14.50 |
| May, work 1 day | | | .67 |
| Aug. 1 to Sept. 17 | Day... | | .75 |
| Sept. 22 to Oct. 24 | Month | $15.00 | |
| Apr. 16 to Dec. 20 | ...do.. | | 15.00 |
| **1856.** | | | |
| Three months from Jan. 1. | Month | | 15.00 |
| Apr. 21 to Dec. 24 | ...do.. | | 15.00 |
| Three months | ...do.. | | 15.00 |
| June 23 to Aug. 1 | Day... | | 1.00 |
| **1857.** | | | |
| April, 8 months | Month | | 15.00 |
| October, 1 month | | | 15.00 |
| November, 4 days | Day... | | .50 |
| August cradling oats, 1 day | | 1.25 | |
| May, hoeing, 1 day | | .75 | |
| July, haying, 1 day | | 1.25 | |
| October, digging potatoes, 1 day | | .75 | |
| July, 17 days, haying | Day... | 1.25 | |
| August, 20 days | Month | | 15.00 |
| Eight months | ...do.. | | 15.50 |
| **1858.** | | | |
| Two months | Day... | | .67 |
| May, planting | ...do.. | | .75 |
| Haying | ...do.. | | 1.25 |
| November, fall work | ...do.. | | .67 |
| April, 8 months | Month | | 15.00 |
| October, 6 months | ...do.. | | 14.50 |
| **1859.** | | | |
| March, 4 months | Month | | 12.00 |
| November, 5 months | ...do.. | | 16.00 |
| November, 3 months | ...do.. | | 13.00 |
| October, 4 months | ...do.. | | 10.00 |
| **1860.** | | | |
| Eight months | Month | | 10.00 |
| **1861.** | | | |
| From February, 2 months | Month | | 11.00 |
| March, 1 month | ...do.. | | 11.00 |
| April to July, 3 months | ...do.. | | 14.00 |
| April to December, 7 months | ...do.. | | 15.00 |
| December, 1861, to April, 1862, 3 months | ...do.. | | 14.00 |
| July, haying | Day... | | 1.25 |
| **1862.** | | | |
| From April, 7 months | Month | | 15.00 |
| August, haying, 5 days | Day... | | 1.25 |

## REPORTS OF CROP CORRESPONDENTS FOR PERIOD, 1840–1865.

### MASSACHUSETTS.

Crop correspondents in the three counties of Massachusetts report with regard to wage rates, and their reports were condensed to the following statement in Bulletin 4, published in 1892:

BERKSHIRE COUNTY.—"The best of farm help from 1840 to 1860 were paid from $12 to $16 per month, by the year or eight months, and good day laborers $1 per day."—*Town of Dalton.* "In 1841 farm laborer by the month, $10 and board; in harvesting per day, $1 and board; in 1851, by the month, $13 to $15 and board; harvesting, $1.25 to $1.50 per day and board; other than harvesting $1 per day and board; in 1865, per month, $20 and board; without board, $32 per month; other than harvesting, $2 per day, without board; $1.50 per day with board. These prices are paid to very good help."—*Town of Egremont.* "My father says that in his early years he followed the occupation of farm laborer, and in 1840 he used to receive $8 per month and board; wages gradually rose as more attention was given to farming, until the war; then a good hand brought from $25 to $40 per month and board. Now farming is dull and the help is mostly of foreign birth, and mighty poor stock at that. Our bright young men leave the farm."—*Town of Savoy.* "In 1840, wages in harvest time, with board, $1 per day; common hands, 75 cents to 87 cents, without board. From 1840 to 1860 not much advance in wages."—*Town of Williamstown.*

HAMPSHIRE COUNTY.—"In 1840 first-class help could be obtained for $12 per month and board, by the year, and for eight months about $15 per month and board; these prices ruled to 1860. Between 1850 and 1860, for the year, $14 to $15 per month and board. Between 1860 and 1865, about $20. Good day help, $1; extra ones, $1.25."—*Town of Southampton.* "In 1840, $12 per month and board; in 1841, $11 per month; 1842, $12; 1843, $10; 1844, $11; 1845, $11; 1846, $12; 1847, $13; 1848, $14; 1849, $15; 1850, $14; 1851, $15; 1852, $15; 1853, $15; 1854, $15; 1855, $15; 1856, $15; 1857, $15; 1858, $16; 1859, $20; 1860, $19; 1861, $17; 1862, $16; 1863, $24; 1864, $26; 1865, $25; board included in every instance. These figures have been taken from our own books and have required much time, but have been made as accurate as possible."—*L. W. West, Hadley.* "From 1860 to 1864 we employed on my farm two good American men at $13 per month and board. In 1843, being 11 years old, I worked on a farm where two men were employed for eight months, one at $11 per month and board and the other at $12 per month and board; I then thought I was getting good pay when I received $5 per month with board."—*Town of Northampton.*

MIDDLESEX COUNTY.—"From 1847 to 1850, $16 per month and board, for eight months; 1851, $18 per month and board for eight months; 1852, $20 per month and board for eight months; 1853, the same; 1854, $22 per month and board, for eight months; 1855 to 1860, average $22 per month and board, for eight months, the other four months, $12."—*Town of Framingham.* "In 1840, $12 per month with board, by the year; $14 for eight months; $1 per day for harvesting; 50 to 75 cents at other times."—*Town of Groton.* "In 1840, $13 and $14 per month, with board, for eight months; 1850 and 1860, $14 and $16 per month with board, for eight months; 1861, $13 and $14 per month, with board, for eight months; 1862, $16 and $25 per month, with board, for eight months; 1863, $20 to $30 per month, with board, for eight months; 1864, $20 to $30 per month, with board, for eight months; 1865 to 1867, $22 to $30 per month, with board, for eight months."—*Town of Hudson.* "For a series of years from 1840 we could hire good help for from $10 to $15 per month, with board. From 1855 to 1860 good farm laborers could be hired for $12 to $15 per month with board."—*City of Lowell and vicinity.*

### RHODE ISLAND.

The State statistical agent for Rhode Island made a report, a portion of which follows:

An old record shows American help on a Rhode Island farm in 1846 earning $16 to $18 per month and board from March to November, with hours from sunrise to sunset. This was skilled help, competent to work alone, willing to do any kind of work. This class is only obtainable in working foremen to-day, and they work less and command from $40 to $50 per month, with rent and fuel. There seems to be no record of any cheap help that were counterparts of the half-informed foreign help of to-day who, in-many instances, refuse to work over 10 hours a day.

Our large dairy farms are mostly run by farmers with large families of boys, who do the milking, the help getting around afterwards and leaving before chore time at night. In a record of 1846 we find in Providence County a family of 26 strong, healthy boys. There were others like it. To-day a farmer who can boast of 5 children is a rarety. This, of course, affects the amount of help.

### CONNECTICUT.

The State agent of Connecticut, as a result of his investigation, states that: From 1850 to 1855, wages by the year were, without board, $18 to $20 per month, and, with board, $9 to $12 per month. For the six summer months, $12 to $16 per month, with board. For July, $24, with board. By the day, with board, during haying season, $1.25, and at other seasons 75 cents.

### NEW YORK.

The crop correspondent for Washington County, N. Y., stated that he had employed farm laborers continuously since 1840. He paid per day with board, in harvest, 75 cents from 1840 to 1850; $1 from 1850 to 1860; $1.75 from 1860 to 1870. He paid per day with board, for common labor in the summer, 55 cents from 1840 to 1850; 65 cents from 1850 to 1860; and $1.37½ from 1860 to 1870. His rates per day with board, in winter, were 45 cents from 1840 to 1850; 50 cents from 1850 to 1860; and $1 from 1860 to 1870. Wages by the month for the whole year, with board, were $10.50 from 1840 to 1850; $11.50 from 1850 to 1860; and $19.50 from 1860 to 1870. During the six or seven months of the cropping season he paid wages by the month with board as follows: $14 from 1840 to 1850; $15 from 1850 to 1860; $23 from 1860 to 1870.

### NEW JERSEY.

During the years following 1840 farm wages in New Jersey averaged about 50 cents per day for ordinary labor and 75 cents for harvesting. Wages by the month amounted to about $6 to $8. It was the almost universal rule that laborers were hired with board. Edward Burrough, of Merchantville, Camden County, furnishes the following items taken from the account book of his father, Joseph A. Burrough, of the same county. The original entries are given for the lights they throw upon the conditions surrounding farm labor at that day.

*Wages paid by Joseph A. Burrough for farm help from 1842 to 1865.*

[Furnished by Edward Burrough, Merchantville, Camden County, N. J.]

1845. Levi Johnson, $7 per month and board. James Bunn, $8 per month and board. Israel Garwood, 40 cents per day and board. March, Samuel Martin, $6.50 per month and board.

1846. Stephen Simmons, 40 cents per day. January 12, Perry Simmons, $6 per month and board. March, Perry Simmons, $7 per month and board. April 6, Adams Getsin, $8.50 per month and board for eight months. Rented small house to Perry Simmons, at $2.50 per month for as long as he shall work for me at $9 per month and meals furnished him.

1847. Henry Johnson, at $7 per month. February 17, Stephen Simmons, at 40 cents per day for a year. May 26, James Prunell, at $9 per month. Let small house to Perry Simmons, at $2 per month, to pay him $9 per month and he to keep a cow. August, hired William Pate and Samuel Vehnell at $8 per month for four months.

1848. Rented house to Perry Simmons at $2 per month, and pay him 50 cents per day for a year, not including wet or bad weather. Carpenter work, $1.25 per day and board. Hired James Prunell for eight months, three months at $9 and three months at $10.50, then three months at $9. Hired Dennis McSugh for three months at $6 per month.

1849. Hired Dennis McSugh for one year for $100. Rented house to William Harris for $25 per year, and pay him 50 cents per day.

1850. Hired Dennis McSugh for one year for $102. Rented house for $30 per year; wages 50 cents per day.

1851. Rent house for $25 per year; wages, 50 cents per day. March, hired Benjamin Foley for $8 per month. July, hired Robert Foley for $7.50 per month.

1852. David Walker, at $7 per month. Rent house at $25 per year; wages at 50 cents per day. Peter McSugh, at $9 per month for four months, and seven months at $10 per month.

1853. Rented house at $30 per year; wages 50 cents per day. Peter McSugh for one year, at $10 per month.

1854. Hired Enoch Collins, at $9 per month. June, hired four Germans at $10 per month for one month.

1855. Hired Dennis Morgan at $6 per month. Rented house to Humphries at $2 per month; wages 62½ cents per day, including meals. Hired Daniel Morgan for nine months at $9 per month.

1856. Rented house for $25 per year; wages 62½ cents per day. Hired Franklin Dun for nine months for $100. Hired John Miller for six months for $12 per month.

1857. Hired Samuel Seers for six months at $13 per month. Hired George Seers for eight months at $14 per month. Hired George Fritz for one month at $10 per month. Rented house for $30 per year, and wages 50 cents per day.

1858. Rented house for $25 per year, and wages 50 cents per day if he keep a cow; if no cow kept, rent of house $30. Hired Isaac Davis at $10 per month.

1859. Hired Isaac Davis for 11 months at $11 per month. Hired John Harris for eight months, at $11 per month. Rented house for $25; wages of son, $10 per month and meals.

1860. Isaac Davis, wages $11 per month.

1861. Isaac Davis, wages $12 per month.

1862. J. H. Wilson, wages $6 to $7 per month.

1863. Rented house to Isaac Davis free, he to work for me at 50 cents per day. William one month at $8.

1864. Hired Isaac Pattern for one month at $10. Hired Still at $8. August, hired Henry at $15 per month. Rented house to Isaac Davis free; wages $4 per week for nine months and $1 per day for three months.

1865. Hired Hiram Turner for nine months at $20 per month and board, and continued at same rates for three years.

Richard Coles, of Woodstown, Salem County, N. J., furnishes a statement of the rate of wages paid in different classes for labor in that county from 1840 to 1865 as follows:

TABLE 4.—*New Jersey farm record of wages paid.*

| Year. | With board, per month, by the year. | With board, per month, for summer. | With board, per day, harvest wages. | With board, per day, common labor. | Year. | With board, per month, by the year. | With board, per month, for summer. | With board, per day, harvest wages. | With board, per day, common labor. |
|---|---|---|---|---|---|---|---|---|---|
| 1840.... | $8.00 | $10.00 | $0.62½ | $0.45 | 1853.... | $10.50 | $12.50 | $1.25–1.75 | $0.65 |
| 1841.... | 8.00 | 10.00 | .85 | .50 | 1854.... | 10.50 | 12.50 | 1.25–1.75 | .75 |
| 1842.... | 8.00 | 10.00 | .75 | .50 | 1855.... | 11.00 | 13.00 | 1.25–1.75 | .75 |
| 1843.... | 8.00 | 10.00 | .75 | .50 | 1856.... | 12.00 | 15.00 | 1.50–2.20 | .75 |
| 1844.... | 8.00 | 10.00 | .75 | .50 | 1857.... | 12.50 | 16.00 | 1.50–2.00 | .75 |
| 1845.... | 10.00 | 12.00 | .75 | .62½ | 1858.... | 12.50 | 16.00 | 1.50–2.00 | 1.00 |
| 1846.... | 8.00 | 10.00 | .75 | .50 | 1859.... | 12.50 | 16.00 | 1.80–2.00 | 1.00 |
| 1847.... | 8.50 | 10.00 | .75 | .50 | 1860.... | 11.00 | 13.00 | 1.80 | .75 |
| 1848.... | 8.50 | 10.00 | .75 | .50 | 1861.... | 12.00 | 14.00 | 1.50 | .75 |
| 1849.... | 9.00 | 10.50 | 1.00 | .62½ | 1862.... | 12.00 | 14.00 | 1.50 | .87½ |
| 1850.... | 10.00 | 12.00 | 1.00 | .62½ | 1863.... | 15.00 | 18.00 | 1.75 | 1.00 |
| 1851.... | 10.00 | 12.00 | 1.00–1.75 | .65 | 1864.... | 16.00 | 20.00 | 1.00 | 1.25 |
| 1852.... | 10.00 | 12.00 | 1.00–1.75 | .65 | 1865.... | 16.00 | 20.00 | 2.00 | 1.25 |

## PENNSYLVANIA.

Pennsylvania wages rules somewhat lower than the New Jersey rate. From 1840 to 1845 in some sections the harvest rate was 50 cents per day; ordinary wages, 33 cents. Between 1845 and 1850 there was a gradual rise to 62½ cents for harvest and 50 cents for ordinary. Before 1860 the rate had advanced to 75 cents for harvest, and ordinary in proportion. Mr. W. B. Bishop, of Strasburg, furnishes memoranda relative to wages in Lancaster County, as follows:

Wages with board, in Lancaster County, from 1840 to 1849, inclusive, were, by the day, 50 cents; for harvest, $1; by the year, $10 per month. From 1850 to 1853, inclusive, by the day, 50 cents; harvest, $1; by the year, $11 per month. In 1854, by the day, 50 cents; harvest, $1.25; by the month, $11. In 1855, by the day, 62½ cents; harvest, $1.50; by the month, $11.50. In 1856 and 1857, by the day, 75 cents; harvest, $1.50; by the month, $12. In 1858, by the day, 50 cents; harvest, $1; by the month, $12. In 1859 and 1860, by the day, 60 cents; harvest, $1.25; by the month, $12. In 1861 and 1862, by the day, 62½ cents; harvest, $1.25; by the month, $13. In 1863, by the day, 75 cents; harvest, $1.50; by the month, $14. In 1864, by the day, $1; harvest, $2; by the month, $16. In 1865, by the day, $1; harvest, $2; by the month, $20.

Until late years very little farm labor was employed without board. From 1840 to 1849 board was estimated at about 20 cents per day for day labor and about $4 by the month. Later to 1863, board for day labor, at about 30 cents per day, by the month, $6. From 1863, 50 cents for day labor and $10 by the month.

## IN THE SOUTH.

In the South, prior to 1860, there was practically no free farm labor. The great bulk of the work of the fields was performed by slave labor, and when hiring was done the price of the labor was paid to the owner of the slave. Enough hiring was done in this way to set a value upon labor, the same thing as fixing a rate of wages. Where slaves were hired out for the year a contract between the owner and the person hiring was entered into, setting forth the obligations of the party. Sometimes this contract was in the form of a note agreeing at a specified date to pay a definite sum, in addition to other obligation for food, clothing, etc. The correspondent of the department for

Cabarrus County, N. C., submits one of these contracts in the form of a note, which is given, names only being omitted:

Twelve months after date we promise to pay ——— ———, trustee, to ———, or order, five hundred dollars for the hire of negro girl Minnie. We also promise to furnish said girl with three suits of clothes, two pairs of shoes and stockings, one blanket or quilt, and bonnet, and pay all her taxes, State and Confederate, for the year 1865, and return said girl at Concord at the end of the year, unavoidable accidents excepted.
Witness our hands and seals January 1, 1865.

The promise is to pay in Confederate currency, and the enormous discount at which it stood at that date explains the apparently high cost of the labor.

Prior to 1860 a year's labor of a negro man was worth about $100 in Virginia and the Carolinas. This, of course, included not only board, but some clothing, shelter, and bedding as well. Women generally, for field labor, were worth about $45. In the cotton fields of the Gulf States, and in the sugar districts of Louisiana, labor was more productive and the rate of hire for slaves higher. The rate for able-bodied men was about $125 per annum, and for women, for field work, from $75 to $100.

## OHIO.

Wages in Ohio in the years following 1840 ranges very much the same as already reported in other districts of free labor. Transient service outside of harvest costs about 50 cents, while harvesting was paid for at the rate of 75 cents per day. There was a gradual increase until the breaking out of the war, when there was a sharp rise consequent upon the withdrawal of large numbers of able-bodied men from productive industry. The high rates reached during the war period have been nearly if not quite maintained.

Mr. Paul Oliver, of Perryville, Ashland County, furnishes a statement relative to wages and labor conditions between 1840 and 1865, as follows:

From 1840 to 1850 farm laborers hired by the year received $16 per month without board and $12 with board. Wages per day for transient service in harvest were 75 cents without board and 62½ cents with board. Per day, at other seasons, 50 cents with board, 62½ cents without.

From 1850 to 1862, by the year, $18 per month without board and $14 with board. Per day, for transient service in harvest, 90 cents without board and 75 cents with board. In other seasons, laborers received 62½ cents per day with board and 75 cents without board.

From 1862 to 1865, when hired by the year, laborers received $26 per month without board and $20 with board. For transient service in harvest, $1.50 per day without board and $1.25 with board. During other than harvesting, transient laborers received $1 per day with board and $1.25 without board.

From 1840 to 1850 labor and wages remained very uniform. As the energetic young men grew up and pushed West for homes, the younger ones, with a sprinkling from the flow of foreign immigration, supplied their places. The rush to the California gold mines in 1849 and early fifties unsettled wages a trifle, but the call for laborers to gather in the harvests was responded to by the villagers in every neighborhood, and the women in many cases came cheerfully to the field and performed the work of men. The war, with its drain upon the young and vigorous men, unsettled wages and advanced the price of labor to correspond with the scale of all other commodities.

Mr. Joseph Allen, of Gano, Butler County, Ohio, furnishes a record which he has kept since he began to work for wages by the month, in 1836. In that year and in 1837 he worked nine months of each year for $45. The record is presented in tabular form and in detail (Table 5).

TABLE 5.—*Ohio farm record of wages paid.*

| Year. | Monthly wages. | Day laborer's wages. | Female help, wages per week. | Harvest wages per day. | Year. | Monthly wages. | Day laborer's wages. | Female help, wages per week. | Harvest wages per day. |
|---|---|---|---|---|---|---|---|---|---|
| 1836... | $6–$8 | $0.25–$0.50 | $0.50–$0.75 | $0.40–$0.50 | 1864... | $15–$20 | $1.00–$1.25 | $1.75–$2.00 | $2.25–$2.75 |
| 1837... | 6– 8 | .25– .50 | .50– .75 | .50 | 1865... | 18– 25 | 1.25– 1.50 | 1.75– 2.50 | 2.75– 3.50 |
| 1838... | 8–10 | .40– .50 | .50– .75 | .50 | 1866... | 18– 25 | 1.25– 1.50 | 1.75– 2.50 | 2.50– 3.00 |
| 1839... | 12–20 | .50– .75 | .75– 1.00 | .75– 1.00 | 1867... | 15– 20 | 1.00– 1.25 | 1.75– 2.50 | 2.50– 2.75 |
| 1840... | 10–12 | .25– .50 | .50– .75 | .75 | 1868... | 15– 20 | 1.00– 1.25 | 1.75– 2.50 | 2.25– 2.50 |
| 1841... | 9–10 | .35– .50 | .75 | .50 | 1869... | 15– 18 | 1.00– 1.25 | 1.75– 2.50 | 2.00– 2.25 |
| 1842... | 8– 9 | .35– .40 | .75 | ..... | 1870... | 15– 18 | 1.00– 1.25 | 1.75– 2.50 | 1.75– 2.00 |
| 1843... | 8– 9 | .50 | .75– 1.00 | ..... | 1871... | 15– 18 | 1.00– 1.25 | 1.75– 2.50 | 1.50– 2.00 |
| 1844... | 10–11 | .50 | .75– 1.00 | ..... | 1872... | 15– 18 | 1.00– 1.25 | 1.50– 2.00 | 1.50– 2.00 |
| 1845... | 10–12 | .50– .62 | .75– 1.00 | ..... | 1873... | 15– 18 | 1.00– 1.25 | 1.50– 2.00 | 1.50– 1.75 |
| 1846... | 10–12 | .50– .62 | .75– 1.00 | ..... | 1874... | 15– 18 | 1.00– 1.25 | 1.50– 2.00 | 1.50– 1.75 |
| 1847... | 10–12 | .50– .75 | 1.00– 1.25 | ..... | 1875... | 15– 17 | 1.00– 1.25 | 1.50– 2.00 | 1.25– 1.50 |
| 1848... | 10–12 | .50– .75 | 1.00– 1.25 | ..... | 1876... | 15– 17 | 1.00– 1.25 | 1.50– 2.00 | 1.25– 1.50 |
| 1849... | 10–13 | .50– .62 | 1.00– 1.25 | .75 | 1877... | 15– 18 | 1.00– 1.25 | 2.00– 2.25 | 1.25– 1.50 |
| 1850... | 10–13 | .50– .62 | 1.00– 1.25 | .75 | 1878... | 16– 18 | 1.00– 1.25 | 2.00– 2.25 | 1.25– 1.50 |
| 1851... | 11–13 | .50– .62 | 1.00– 1.25 | 1.00– 1.25 | 1879... | 16– 18 | 1.00– 1.25 | 2.00– 2.25 | 1.25– 1.50 |
| 1852... | 11–13 | .50– .62 | 1.25– 1.50 | 1.00– 1.25 | 1880... | 16– 18 | 1.00– 1.25 | 2.00– 2.25 | 1.25– 1.50 |
| 1853... | 11–13 | .50– .75 | 1.25– 1.50 | 1.00– 1.25 | 1881... | 16– 18 | 1.00– 1.25 | 2.00– 2.25 | 1.25– 1.50 |
| 1854... | 12–13 | .50– .75 | 1.25– 1.50 | 1.25– 1.50 | 1882... | 16– 18 | 1.00– 1.25 | 2.00– 2.25 | 1.25– 1.50 |
| 1855... | 12–14 | .50– .75 | 1.25– 1.50 | 1.25– 1.50 | 1883... | 15– 17 | 1.00– 1.25 | ..... | 1.25– 1.50 |
| 1856... | 13–15 | .50– .75 | 1.50– 2.00 | 1.50– 1.75 | 1884... | 15– 17 | 1.00– 1.25 | 2.00– 2.25 | 1.25– 1.50 |
| 1857... | 14–16 | .62– .75 | 1.50– 2.00 | 1.50– 2.00 | 1885... | 15– 17 | 1.00– 1.25 | 2.00– 2.25 | 1.25– 1.50 |
| 1858... | 14–16 | .62– .75 | 1.50– 2.00 | 1.50– 2.00 | 1886... | 15– 17 | .75– 1.00 | 2.00– 2.25 | 1.25– 1.50 |
| 1859... | 13–15 | .50– .75 | 1.25– 1.50 | 1.50– 2.00 | 1887... | 15– 17 | .75– 1.00 | ..... | 1.25– 1.50 |
| 1860... | 13–15 | .75 | 1.25– 1.50 | 1.75– 2.00 | 1888... | 15– 18 | .75– 1.00 | ..... | 1.25– 1.50 |
| 1861... | 13–15 | .75 | 1.25– 1.50 | 1.75– 2.00 | 1889... | 16– 18 | 1.00– 1.25 | 2.00– 2.50 | 1.25– 1.50 |
| 1862... | 12–13 | .75 | 1.25– 1.50 | 1.75– 2.00 | 1890... | 16– 18 | 1.00– 1.25 | 2.00– 2.50 | 1.25– 1.50 |
| 1863... | 14–15 | .75– 1.00 | 1.75– 2.00 | 1.50– 2.00 | 1891... | 15– 17 | 1.00– 1.25 | 2.00– 2.50 | 1.00– 1.50 |

Another old record, made up from entries in the account books of Mr. M. E. Gray, of Willoughby, Lake County, Ohio, gives a showing for the northern section of the State:

From 1840 to 1849, 50 cents per day, and in harvest 75 cents, with board; 1850, $13 per month for eight months, with board; 1851, 62½ cents per day, and in harvest $1 per day, with board; 1852, $13 per month; 1853, $12 per month, with board; 1854, $12 for eight months in summer, and $10 for four months in winter; 1855, $12.50 per month for the year, with board; 1856, $11 per month, with board; 1857, $13 per month to 1 man, and $15 per month to another, with board; 1859, $12 per month, with board; 1860, $13 per month, with board; 1861, $13 per month, with board; 1862, $13 per month, with board; 1863, $18 per month, with board; 1864, $20 per month, with board.

Mr. Gray says in a note that when wages were 50 cents per day, or $10 to $12 per month, men were willing to work from sunrise to sunset, but now, with wages $1.50 per day, 10 hours constitute a day's work.

MICHIGAN.

The State agent for Michigan writes as to the results of his investigation:

I gather the following interesting items from a class of elderly correspondents and from younger ones having access to their fathers' books:

In 1840, $7 per month, with board, by the year. Harvesting, 75 cents per day, 50 cents if boarded.

From 1840 to 1850, paid common laborers in winter 50 cents per day, in summer 62½ cents. For haying and harvesting, 75 cents to $1 per day, with board.

From 1840 to 1855 good men got per day, with board, $1 in harvest, 75 cents in haying, 50 cents for common labor, and $11 per month with board.

In 1852, 1853, and 1854, worked for $10 per month in winter and $13 per month for eight months in summer with board.

From 1840 to 1855 good men got, with board, $1 per day in harvest, 75 cents in haying, 50 cents for common labor, and $11 per month when paid by the month. An intelligent correspondent, now 65 years old and a prominent man in his town, says:

"In 1846 I worked through the summer for $11 per month, then the average price; in 1847, 1848, 1849, and 1850, for $12 per month and board." In 1851 common labor

with board, 50 cents to 75 cents; harvesting and haying, $1 to $1.50. Another reports from his books as follows for farm laborers by the year:

In 1849, 1850, and 1851, $10 per month; 1852, 1853, and 1854, $12 per month; 1855, 1856, and 1857, $12.50 per month; 1858, 1859, and 1860, $14 per month; 1862, 1863, and 1864, $25 per month.

### ILLINOIS.

During the years following 1840 monthly wages, including board, in Illinois averaged about $8, with a slow but gradual rise until 1860, when it was perhaps double that figure. Hon. E. E. Chester, of the Illinois State board of agriculture, gives the following showing of wages paid by him in Champaign County from 1859 to 1865:

In 1859, average wages per month, with board, when hired by the year, $16; 1859, average wages per day, without board, for transient service in harvest, $1; 1860, average wages per month, with board, of farm laborers when hired by the year, $17; 1860, average wages per day, with board, of farm laborers employed for transient service in harvest, $1; 1860, average wages per day, without board, of farm or other laborers in transient service other than harvesting, $1; 1860, average wages per day, with board, of farm or other laborers in transient service other than harvesting, 75 cents; 1861, average wages per month, with board, of farm laborers when hired by the year, $15; 1861, average wages per day, without board, of farm laborers employed for transient service in harvest, $1; 1861, average wages per day, with board, of farm laborers employed for transient service in harvest, 75 cents; 1861, average wages per day, without board, of farm or other laborers in transient service other than harvesting 75 cents; 1861, average wages per day, with board, of farm or other laborers in transient service other than harvesting, 60 cents; 1862, average wages per month, with board, of farm laborers when hired for the year, $18; 1862, average wages per day, with board, of farm laborers employed for transient service in harvest, $1.10; 1863, per month with board, $20; 1864, per month with board, $22; 1865, per month with board, $25.

### WISCONSIN.

In the early days, when settlement was rife, but comparatively little farm labor was hired in Wisconsin. Farmers did their own work, with the assistance of their families and farming operations, as a rule, were carried on as a personal operation. Where wages were paid they averaged between 1840 and 1850 from $8 to $10 per month. Money was scarce and 50 cents was considered a fair price for a day's work. These conditions prevailed until about 1850, when there was a general improvement; farmers were in a better position to carry on more extended operations and wages of labor showed considerable advance. By 1855 wages by the month had reached $15, while harvest hands were paid from $1.50 to $2 per day. In 1857 financial difficulties affected the State, and wages, as well as prices of farm products, suffered a very considerable decline. After 1860 the rate advanced and continued to do so until 1865. At that date the prevailing rate without board was about $30. Before 1850 there was but little settlement in Minnesota, and during the days of early development there was naturally but little hiring of farm labor. Later in the decade conditions became very similar to those prevailing in Wisconsin.

### IOWA.

In Iowa, from 1840 to 1850, very little money was paid out for wages. The amount of money in circulation was small, pioneers were poor and inclined to do their own work, and as farmers exchanged the products of their farms in barter, laborers when hired were largely paid in produce. A nominal rate during the period was not far from $12 per month or 50 cents per day for transient service. The correspondent for Des Moines County makes the following note as to this early period in Iowa agricul-

ture, which in many respects will represent conditions throughout the settled portions of the State:

From 1840 to 1850 money for work was almost out of the question here in Iowa. The wages were 3 bushels of corn per day or 1 bushel of wheat. Corn at that time was worth 10 cents per bushel; wheat, 25 to 30 cents, and that in trade mostly. In 1851 wheat ran up to $1 cash. That year was the wettest season ever known here; many did not plant corn at all, and those who did got nearly nothing. Wheat, oats, and hay were fair crops. Common wages for ordinary work at that time ran up to 50 cents a day, and have not been lower since. Harvest wages in 1854 ran up to $1.50 and $2 per day, and have remained at that figure until the introduction of self-binders.

### MISSOURI.

Wages and general agricultural operations in Missouri during the early years of development partook somewhat of the conditions of both the free and the slave States. In the years following 1840 the general custom where laborers were hired was to hire by the year. Slaves were taken upon conditions similar to those before noted for the Southern States, the compensation for their use ranging from $100 to $125 per year, with board and clothes. This class of labor fixed the price of free labor, which was generally likewise taken by the year. Monthly wages averaged from $10 to $12 for the period. A detailed record from the books of Jesse Haigler, of St. Charles County, is furnished by Mr. L. H. Haigler, of Black Walnut, as follows:

Eighteen hundred and forty-eight, $8 to $11 per month; 1850, from June 4 to June 11, 50 cents per day; 1856, from December 29, $175 per year; 1857, October and November, $1 per day (board, at 37½ cents deducted); 1857, from October 15, $15 per month; 1858, from October 27, $12 per month; 1858, during harvest, $1.50 per day, with board; 1859, from July 23, $15 per month; 1859, from August 25, $15 per month; 1859, from November 16, $13 per month; 1859, from July 2, during harvest, $1.50 per day, with board; 1859, from August 2, 80 cents per day; 1860, from January 1, for six months, $13 per month, and for six months $15 per month; 1860, from October 1, $13.50 per month; 1860, from September 3, $144 per year.

### KANSAS.

In Kansas and Nebraska the conditions in early days of development were very much alike. But little farming was carried on prior to 1855. The local notes from correspondents for these two States are appended:

KANSAS.—*Douglas:* From 1855 to 1865 farm hands were abundant at from $18 to $20 per month with board, and $1 per day without board, just about the prices quoted now. *Jefferson:* From 1857 to 1861 laborers were scarce, and wages for good hands were $20 per month with board. *Wyandotte:* Farm laborers received from 1854 to 1860 $13 per month, from 1855 to 1869 $25, from 1870 to 1873 $20, from 1873 to 1876 $18, from 1876 to 1890 $16. *Riley:* Very little money was paid out for farm wages in this part of Kansas prior to 1865, for the reason that renters were poor and did the farm work themselves. In 1856 and 1857 I received $20 per month, with board, as a farm hand among the Wyandotte Indians in Kansas. From 1858 to 1864 wages fell somewhat, averaging about $17, with board and washing. In 1864 and 1865 and down to 1868 farm laborers were scarce, for obvious reasons. The last two years of the War an average of $25 was paid in this county, with board and washing. *Harper:* From 1840 to 1850 wages during summer and fall were $9 to $10 per month. In harvest it was common to give a bushel of wheat or its equivalent in cash per day for good reapers. From 1850 to 1854 the rate was $15 per month, with board; by the day $1; harvesting, $1.25; from 1855 to 1857, from $18 to $20 per month, day laborers receiving $1.50, and in harvesting from $2.25 to $2.50. From 1857 to 1860 there was a great financial depression and everything declined, farm hands receiving $10 to $12 per month and for day labor in proportion.

### NEBRASKA.

NEBRASKA.—*Polk:* In 1858 farm hands received $18 to $20, and in 1863 and 1864 $25 per month, with board. *Buffalo:* In the years about 1843 wages on farms were $10 to $12 per month, and 75 cents per day in harvest, with board; for corn husking and other work the daily wage was 50 cents. *Boxbutte:* In 1854 farm labor by the month, with board, for the best of hands, cost $8 to $10. From that time wages increased very slowly till 1861, when they were $30 to $35; at which figures, or thereabout, they remained till 1865 and 1866. *Harlan:* From 1855 to 1860 my father paid $12.50 cents per month, with board, by the year. *Otoe:* Farm hands from 1840 to 1845 received $8 to $12 per month, with board. From 1863 to 1872 they got $2 per day, without board.

### CALIFORNIA.

A few local returns from the Pacific coast are presented for the light they throw upon an interesting period of the agricultural development of that important and peculiar district:

CALIFORNIA.—*Trinity:* I employed from 5 to 10 farm hands on the Souden ranch from 1851 to 1863, at wages ranging from $40 to $60 per month, with board, the average wages being about $45 per month. *Marin:* In 1855 wages of farm hands were $40 per month, with board, but dropped to $30 by 1865, and since that time have declined to $25. *Contra Costa:* In 1859 wages were from $2 to $2.50, with board, for harvest hands, and by the year for other labor from $30 to $40 per month, and there has been a remarkable uniformity in farm wages ever since. *San Mateo:* From 1860 to 1865 wages of farm laborers would average from 50 to 100 per cent higher in this county than at present, especially for good teamsters to drive from four to eight horses. *Shasta:* In 1852 farm hands received from $75 to $100 per month, with board, or from $2.50 to $4 per day, harvest wages being $4 per day. In 1855 farm laborers received $50 per month, or $2.50 to $3 per day. In 1860 they got $35 to $40 per month, or in harvest $2 to $2.50 per day. In 1865 we could hire hands by the year for $25 to $30 per month, by paying the usual price per day in harvest, namely, $2 to $2.50. All the above figures include board. *San Joaquin:* The first wheat was raised here in 1852, I think; and I think it safe to put the average wages the same as at present, as I can remember no change in my time here. *Sonoma;* In 1853 farm hands receive from $60 to $75 per month; in 1860, $35 to $45, all with board. These figures are for common everyday laborers. Teamsters and good dairymen receive from $5 to $10 more per month. *Humboldt:* I settled in this county in 1851, and for about the first five years the rate for farm labor, hired by the year, was from $60 to $75 per month, with board. The rate by the day in harvest was from $3 to $4, with board, that for transient work by the day being from $2 to $3 with board. *Los Angeles:* From 1860 to 1870 laborers were very scarce, and wages were from 15 to 20 per cent higher than now; the mines of this State and the excitement attending the war drew the laborers from the farms. *Merced:* Wages by the month have changed very little in the last 20 years, but are not quite so high as formerly. *Butte:* From 1851 to 1865 wages per month, with board, were $30. *Mono:* Farm wages have scaled down in the last 30 years from $60 per month, with board, to the present status.

### OREGON.

OREGON.—*Baker:* From 1842 to 1850 the monthly rate was $12, with board; in harvest the average was about $1 per day. From 1850 to 1862 wages varied from $10 to $15 per month and board. *Benton:* In this county wages for farm labor (except in harvest) have gradually diminished since 1860. From 1850 to 1865, the common wages were from $2.50 to $3 per day. *Linn:* The prices I have given are the prices paid for farm labor ever since 1852. Sometimes there have been variations, but these have been the general rule. *Washington:* In 1853 monthly wages were $50

without and $40 with board; harvest wages $2.50 per day without and $2 with board. Other transient labor cost $1.50 per day without or $1.25 with board. In 1854 the rate per month was the same as in 1853, and the daily wages of each class abou 25 cents a day less than in that year. Little variation up to 1865. *Marion:* From 1840 to 1850 the average wages for farm hands, with board, were about $450 per year. *Morrow:* From 1861 up to 1865 wages on farms were $30 per month by the year, or $1.25 per day, harvest wages being $2 per day. All these are the rates with board. *Coos:* From 1860 to 1870 wages were $2 per day for all farm work, with board. *Union:* In 1864 and 1865 the rate was from $25 to $30 per month.

## COMMISSIONER OF PATENTS, 1845.

The Secretary of the Treasury in 1845 referred to an investigation of the wage rates of farm labor that he had made in that year, but the results have not been discovered. In the same year the Commissioner of Patents investigated this subject with published results, but without explanation as to the sources of information. Apparently the rates given are general throughout the county mentioned for the kind of labor indicated, but are not rates that were computed as averages of reports made to the commissioner. The statement is copied as follows:

TABLE 6.—*Wage rates of labor of men on farms, 1845.*

[Report of the Commissioner of Patents, 1845, p. 1149.]

| State and county. | Kind of labor. | Wage rates. |
|---|---|---|
| Maine: Penobscot, Piscataquis | Farm laborers. | $12–$15 per month. |
| New Hampshire: | | |
| Portsmouth | Husbandmen. | $12 per month. |
| Manchester | do | $12 per month, or 75 cents per day. |
| Vermont: Washington, Caledonia, Essex, Orleans, Lamoille. | do | $12 per month; 75 cents per day. |
| Massachusetts: | | |
| Middlesex, Worcester | do | $12–$14 per month; 84 cents per day. |
| Berkshire, Franklin, Hampshire, Hampden. | do | $11 per month; 50 cents per day; $1 in harvest. |
| New York: | | |
| Columbia, Greene, Monroe, Jefferson | do | $10 per month; 50 cents per day. |
| Tompkins, Chemung, Yates | do | $10–$11 per month; $120 per annum, including board at $1.25 per week. |
| Steuben, Allegany | do | $10–$11 per month. |
| Cayuga, Cortland, Renssalaer | do | $8–$10 per month. |
| Suffolk, Queens | do | $10 per month, including board; or 50 cents per day and board, which is equal to 25 cents. |
| Chautauqua | do | $10 per month and board. |
| Seneca, Wayne | do | $10 per month, or $120 per annum and board; board estimated at $1.25 per week. |
| Madison, Oswego | do | $10–$12 per month; 75 cents per day. |
| Onandaga | do | $10 per month and board. |
| Oneida | do | $10 per month by the year; $15 per month in haying and harvest time, or 50 cents to $1 per day. |
| Herkimer, Montgomery | do | $16 per month exclusive of board; 62½ cents per day. |
| City and county of Albany | Farmers | $10 per month, or 62½ cents per day. |
| Do | Farm laborers. | $10–$12 per month and boarded; $110–$125 per year. |
| New Jersey: Hunterdon, Somerset, Mercer, Middlesex. | Husbandmen. | $15 per month, exclusive of board; 75 cents per day. |
| Pennsylvania: | | |
| Lancaster, York, Chester | do | $10 per month; 40–50 cents per day. |
| Northumberland, Lycoming, Union, Clinton. | do | $25 per month; $1 per day, exclusive of board. |

TABLE 6.—*Wage rates of labor of men on farms, 1845*—Continued.

| State and county. | Kind of labor. | Wage rates. |
|---|---|---|
| Maryland: Harford, Cecil, Queen Anne, Kent, Caroline. | Farm laborers. | $8–$10 per month; 37½–50 cents per day. |
| Virginia: Halifax, Henry, Patrick, Franklin, Pittsylvania. | .....do..... | $5 per month. |
| West Virginia: Kanawha, Jackson, Mason, Cabell, Wayne, Lewis, Braxton, Harrison, Wood, Fayette, Nicholas, Ritchie, Doddridge, Gilmer, Barbour, Taylor. | Husbandmen. | $10 per month; 50 cents per day. |
| North Carolina: | | |
| Mecklenburg, Lincoln, Iredell, Davie, Rowen, Cabarras, Ashe, Wilkes, Surry, Stokes, Rockingham, Caswell. | .....do..... | 50–75 cents per day. |
| Orange, Person, Granville, Franklin, Warren, Halifax. | .....do..... | $7–$8 per month. |
| South Carolina: Pickens, Anderson, Greenville, Laurens. | Farm laborers, negroes. | $5 per month. |
| Georgia: Dade, Walker, Chattooga, Floyd, Paulding, Murray, Gilmer, Cass, Cobb, Cherokee, Forsyth, Gwinnett, Dekalb. | Husbandmen. | $15 per month; 75 cents per day. |
| Louisiana: St. Tammany, St. Helena, Livingston, Washington, East and West Baton Rouge, East and West Feliciana, Pointe Coupee, Iberville, Catahoula, Avoyelles, Concordia, Madison, Carroll. | .....do..... | $12–$15 per month; $1–$1.25 per day and found. |
| Tennessee: | | |
| Perry, Henderson, Madison, Carroll, Gibson, Weakly, Obion. | .....do..... | $10–$12 per month; 50 cents per day. |
| Campbell, Anderson, Morgan, Sevier, Blount, Monroe. | .....do..... | $10–$15 per month; 50 cents per day. |
| Kentucky: | | |
| Clay, Estill, Floyd, Harlan, Garrard, Johnson, Knox, Laurel, Letcher, Madison, Owsley, Perry, Pike, Rockcastle, Whitley. | Farmers..... | $7–$10 per month. |
| Bath, Breathitt, Carter, Clark, Fleming, Greenup, Lawrence, Lewis, Montgomery, Morgan. | Husbandmen. | $10 per month; 50 cents per day. |
| Ohio: | | |
| Delaware, Marion, Richland, Franklin, Licking, Knox. | .....do..... | Do. |
| Jefferson, Carroll, Columbia..... | .....do..... | 50 cents per day. |
| Fayette, Pickaway, Fairfield..... | .....do..... | $8 per month; 50 cents per day. |
| Medina, Lorain, Huron, Erie..... | .....do..... | $17.50 per month; 80 cents per day, exclusive of board. |
| Warren, Montgomery, Clinton, Greene..... | .....do..... | $13 per month, exclusive of board. |
| Wood, Hancock, Crawford, Wyandot, Seneca, Sandusky, Ottawa. | .....do..... | $12 per month and board. |
| Indiana: | | |
| Dearborn, Ripley, Rush, Switzerland, Decatur, Franklin. | .....do..... | $9–$10 per month, including board; 50 cents per day. |
| Jasper, White, Cass, Miami, Fulton, Pulaski, Kosciusko, Marshall, Starke, Elkhart, St. Joseph, Laporte, Porter, Lake, Wabash, Benton. | .....do..... | $10 per month; $1 per day in harvest; 50 cents per day to common laborers. |
| Illinois: | | |
| Lawrence, Richland, Crawford, Jasper, Effingham, Fayette, Montgomery, Christian, Shelby, Moultrie, Coles, Clark, Clay, Edgar, Macon, Piatt, Dewitt. | .....do..... | $8–$10 per month; 37–50 cents per day. |
| Alexander, Union, Jackson, Perry, Randolph, Monroe, Washington, St. Clair, Clinton, Bond, Madison. | Farm laborers. | $8–$9 per month. |
| Michigan: | | |
| Macomb, Oakland, Livingston, Ingham, Clinton, Shiawassee, Genesee, Lapeer, St. Clair, Mackinac, Chippewa, Saginaw, Tuscola, Midland, Gladwin, Arenac, Ogemaw, Kanotin, Sanilac, Huron. | Husbandmen. | $10 per month; 50–95 cents per day, if they board themselves; $14–$15 per month by the year; harvest, $1 per day; board, $1 per week. |
| Branch, St. Joseph, Cass, Berrien, Van Buren, Kalamazoo, Calhoun, Jackson, Allegan, Barre, Ionia, Eaton, Oceana, Newaygo, Mecosta, Notipeko, Aischum, Manistee, Katawabet. | .....do..... | 50 cents to $1 per day. |
| Monroe, Lenawee, Washtenaw, Wayne, Hillsdale. | .....do..... | 50–75 cents per day. |
| The editor of the Michigan Farmer estimates as the average wages of the State. | .....do..... | $11 per month; 50 cents to $1 per day. |

### WAGE RATES IN THE SOUTH, 1860, 1867, AND 1868.

In the report of the Commissioner of Agriculture for 1867 appears an article on "Southern Agriculture," evidently prepared by the statistician of the department. The information was obtained from "our regular corps of reporters, and agricultural editors and planters distinguished in their vocation." The years covered for wage rates are 1860, 1867, and 1868.

In summarizing the reports relating to farm wages it is stated that there was difficulty in obtaining strictly true averages of wage rates, on account of the different conditions of the employment of labor. The tabulated results may be found in Table 7. For 1860 rations and clothing were supplied in addition to the money rate, but only rations in addition to the money rate in 1867. The rations consisted principally of bacon and cornmeal; 3½ pounds of the former and a peck of the latter per week. The clothing comprised two suits of summer clothes, two pairs of shoes, or one of boots, and sometimes a pair of blankets.

TABLE 7.—*Wage rates per year in Southern States for outdoor labor on farms, 1860, 1867, and 1868.*

| State. | 1860 | | | 1867 | | | 1868 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Men. | Women. | Youth. | Men. | Women. | Youth. | Men. | Women. | Youth. |
| Virginia | $105 | $46 | $39 | $102 | $43 | $46 | $102 | $41 | $45 |
| North Carolina | 110 | 49 | 50 | 104 | 45 | 47 | 89 | 41 | 39 |
| South Carolina | 103 | 55 | 43 | 100 | 55 | 43 | 93 | 52 | 42 |
| Georgia | 124 | 75 | 57 | 125 | 65 | 46 | 83 | 55 | 47 |
| Florida | 139 | 80 | 65 | 139 | 85 | 52 | 97 | 50 | 44 |
| Alabama | 138 | 89 | 66 | 117 | 71 | 52 | 87 | 50 | 40 |
| Mississippi | 166 | 100 | 71 | 149 | 93 | 61 | 90 | 66 | 40 |
| Louisiana | 171 | 120 | 72 | 150 | 104 | 65 | 104 | 75 | 60 |
| Texas | 166 | 109 | 80 | 139 | 84 | 67 | 130 | 72 | 65 |
| Arkansas | 170 | 108 | 80 | 158 | 94 | 78 | 115 | 75 | 67 |
| Tennessee | 121 | 63 | 60 | 136 | 67 | 65 | 109 | 51 | 45 |

## CONTINUOUS RECORD OF NEARLY HALF A CENTURY.

### NINETEEN COMPREHENSIVE INVESTIGATIONS.

#### CHANGES IN PRACTICE.

The beginning of the present series of comprehensive reports concerning the wage rates of farm labor was made by the investigation of 1866. The source of information was the corps of crop correspondents. The second investigation of the series was made in December, 1869, and covered that calendar year. For some unexplained reason the third investigation, made in 1875, was effected in May, and every succeeding one was made in the spring until the investigation made in 1892. The one made in 1895 leaves no record showing at what

time of the year it was made, but the recollection of the writer is that it was made in the autumn. Subsequent investigations were made in the autumn or winter.

When the investigation was made in the spring, the year to which the results apply is somewhat uncertain and is clearly not uniform for all classes of wage rates. For instance, an investigation in March can not possibly ascertain the wage rates for day labor in harvest for the same year, but possibly it may ascertain the wage rates by the month in hiring by the season or year. On account of this uncertainty, this report has adopted a dual form of expression in mentioning the years to which the rates apply. For instance, the investigation made in May, 1875, is identified as "1874 or 1875." An investigation was made in the spring of both 1878 and 1879, but the returns from the former investigation were combined with those of the latter one.

For every one of the 19 investigations that comprise the continuous record of the wage rates of farm labor, wage rates were ascertained for labor per day for harvest work and for work other than harvest work.

Wage rates per month differ as between hiring by the year and hiring by the season, and this distinction was preserved in the first three investigations. In the following 7 investigations the rates in hiring by the season were omitted, so that the record preserves monthly rates only in the case of hiring by the year. In the eleventh investigation both year and season contracts were ignored and the monthly wage rates stand for a hiring by the "year or season," and so the record stands in succeeding investigations, to and including the eighteenth, made in 1906. The present investigation has restored the old distinction between hiring by the year and by the season, and for the sake of comparison has made in the bureau a weighted combination of the two monthly rates mentioned.

The record of the monthly wage rates, therefore, is not continuous throughout the entire line of 19 investigations.

### SCOPE OF INVESTIGATIONS IN TABULAR FORM.

Table 8 is a concisely tabulated statement of the years covered by this bureau's 19 investigations concerning the wage rates of farm labor, and some other investigations, with particulars as to the years to which the rates apply, the years when the investigations were made, the official reports in which the records are preserved, a description of the wage rates for all investigations, and a few brief explanations.

TABLE 8.—*Investigations of the wage rates of outdoor labor of men and of the domestic labor of women on farms in the United States by the Bureau of Statistics, 1866, and subsequently, without and with board for men, and with board for women; also investigation by Secretary of the Treasury, 1845.*

[Cross (×) indicates that the fact was covered.]

| Investigation was made— | | Identification of report. | Men, outdoor. | | | | | Women, domestic. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Monthly wages, when employed by the— | | | Day wages— | | Monthly wages, when employed by the— | | Day wages. |
| For what time. | When. | | Year. | Season. | Year and season combined. | Harvest. | Other than harvest. | Year. | Season. | |
| Before 1866 | 1892 | Bulletin 4, p. 54, Division of Statistics. | | | | | | | | |
| 1845 | 1845 | Secretary of the Treasury, 1845. | | | | | | | | |
| 1845 | 1845 | Commissioner of Patents, 1845, p. 1149. | | | | | | | | |
| 1860 | 1868 | Commissioner of Agriculture, 1867, pp. 412, 416. | | | | | | | | |
| 1866 | 1866, Dec | Monthly reports of the Department of Agriculture, 1867, p. 4. Commissioner of Agriculture, 1866, p. 81. | (×) | (×) | | (×) | (×) | | | |
| 1867, Jan | 1868 | Commissioner of Agriculture, 1867, pp. 412, 416. | | | | | | | | |
| 1868 | 1868 | Commissioner of Agriculture, 1867, pp. 412, 416. | | | | | | | | |
| 1869 | 1869, Dec | Monthly reports of the Department of Agriculture, 1870, p. 3. | (×) | (×) | | (×) | (×) | | | |
| 1874 or 1875 | 1875, May | Monthly reports of the Department of Agriculture, 1875, p. 261. Commissioner of Agriculture, 1875, p. 37. | (×) | (×) | | (×) | (×) | | | |
| 1877 or 1878 | 1878, Mar | Commissioner of Agriculture, 1878, p. 279. | (×) | | | (×) | (×) | | | |
| 1878 or 1879 | 1879, spring | | | | | | | | | |
| 1879 or 1880 | 1880, Apr | Commissioner of Agriculture, 1879, p. 144. | (×) | | | (×) | (×) | | | |
| 1880 or 1881 | 1881, Mar | Commissioner of Agriculture, 1880, p. 202. | (×) | | | (×) | (×) | | | |
| 1881 or 1882 | 1882, spring | Statistician, May, 1882. Commissioner of Agriculture, 1882, p. 638. | (×) | | | (×) | (×) | | | |
| 1884 or 1885 | 1885, spring | Statistician, May, 1885. Commissioner of Agriculture, 1885, p. 380. | (×) | | | (×) | (×) | | | |
| 1887 or 1888 | 1888, May | Statistician, 1888, p. 169. Commissioner of Agriculture, 1887, p. 579. | (×) | | | (×) | (×) | | | |
| 1889 or 1890 | 1890, spring | Statistician, 1890, p. 200. Secretary of Agriculture, 1890, p. 312. | (×) | | | (×) | (×) | | | |
| 1891 or 1892 | 1892, spring | Bulletin 4, Division of Statistics. | | | (×) | (×) | (×) | | | |
| 1893–1895 | 1895 | Bulletin 22, Division of Statistics. | | | (×) | (×) | (×) | | | |
| 1898–1899 | 1900, Jan | | | | | | | | | |
| 1902 | 1903, Jan | Bulletin 26, Bureau of Statistics. | | | (×) | (×) | (×) | (×) | (×) | (×) |
| 1906 | 1906, Dec | Bulletin 94, Bureau of Statistics. | (×) | (×) | (×) | (×) | (×) | (×) | (×) | (×) |
| 1909 | 1909, Nov | | | | | | | | | |

NOTE.—Many investigations have been made by State bureaus of labor concerning the wage rates of farm labor within their respective States. Some of the investigations of the Bureau of Statistics of the United States Department of Agriculture ascertained wage rates of negroes and whites, but the racial differences were merely local.

The investigation referring to wages paid prior to 1866 was assembled from numerous records; that referring to 1845, and made by the Secretary of the Treasury, gave apparently no results; that referring to 1845, and made by the Commissioner of Patents, mentioned no source of information; those referring to 1860, 1867, and 1868 gave yearly wages for cotton States; 1866: the first comprehensive report, with periodical repetition to present time; 1877 or 1878, and 1878 or 1879: two investigations combined; 1891 or 1892 includes wage rates before 1866; 1909: includes treatment of supply. (Bulletin 98.)

ALL RATES EXPRESSED IN GOLD.

During the years 1862–1878 the monetary system of this country was not on a gold basis, and consequently the wage rates were reported in terms of an inflated currency. The reports so made have been published without reducing currency to gold values in all reports and bulletins preceding this bulletin, and thus the comparability of the wage rates from 1866 to 1878 with wage rates following 1878 has been somewhat vitiated. For this reason all wage rates during the period of inflated currency values have been reduced to gold values for this bulletin.

It was a matter of some practical difficulty to do this, for the reason that some States and Territories were continuously on a gold basis. The problem was to discover what States and Territories were in this category. As a result of many inquiries made at the best sources of information, the following list of States and Territories was established as those in which a gold basis was exclusive, or, at any rate, predominant throughout the period 1866 to 1878: Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Idaho, Washington, Oregon, California.

There was some doubt about Colorado. That State never used gold coins, but it used gold by weight as a measure of value until gold was gradually displaced by greenbacks. The process was gradual, and in view of the fact that in the later years of the inflation period the premium on gold was small, it was decided to regard Colorado as a gold State.

The equivalent employed in reducing all wage rates to a gold basis was the mean value in gold of one currency dollar in the New York market during the second and third quarters of the calendar year, as found in Table 9.

TABLE 9.—*Value in gold of one currency dollar in the New York market, 1862–1878.*

| Year. | Value in gold, for— | | Year. | Value in gold, for— | | Year. | Value in gold, for— | | Year. | Value in gold, for— | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Calendar year. | 2d and 3d quarters. | | Calendar year. | 2d and 3d quarters. | | Calendar year. | 2d and 3d quarters. | | Calendar year. | 2d and 3d quarters. |
| 1862..... | $0.883 | $0.912 | 1867.... | $0.724 | $0.720 | 1871.... | $0.895 | $0.890 | 1875... | $0.870 | $0.868 |
| 1863..... | .689 | .721 | 1868.... | .716 | .706 | 1872.... | .890 | .881 | 1876... | .898 | .894 |
| 1864..... | .492 | .472 | 1869.... | .752 | .734 | 1873.... | .879 | .863 | 1877... | .954 | .949 |
| 1865..... | .636 | .702 | 1870.... | .870 | .869 | 1874.... | .899 | .900 | 1878... | .992 | .994 |
| 1866..... | .710 | .704 | | | | | | | | | |

## WEIGHTS USED IN COMPUTING AVERAGES.

Another matter of practical moment has been the method of computing the average wage rates for the United States and the geographic divisions. In the earlier investigations the averages were computed by weighting the different States according to the number of agricultural laborers, but at some uncertain time the weighting process was omitted and the United States averages were obtained by adding together the number of reports of wage rates of each class and dividing by the number of reports. In this process there was a weighting by number of reports in each State, and the averages so computed for the United States and the geographic divisions were approximately the same as the averages computed by weighting by the number of agricultural laborers.

It is now deemed advisable to adopt a uniform system of weighting and to adopt the male agricultural laborers as weights. All United States averages resulting from investigations heretofore made, whose results had been published, have been recomputed in accordance with this plan.

Uniformity is highly desirable in the method in which these averages will be computed, for the reason that the differences between the wage rates of different investigations is sometimes very small, and a variation of method of computing annual averages may convert a real increase of rate into a false decrease, or the contrary. A description of the weights used for the results of the 19 investigations may be found in Table 10.

TABLE 10.—*Weights applied to the rates of wages of outdoor labor of men and of the domestic labor of women, on farms, to determine proper averages for geographic divisions and the United States, 1866–1909.*

| Year of wage rates. | Outdoor labor of men (from census of occupations). | Year of wage rates. | Outdoor labor of men (from census of occupations). |
|---|---|---|---|
| 1866 | Agricultural laborers, 1870. | 1889 or 1890 | Male agricultural laborers, 1890. |
| 1869 | Do. | 1891 or 1892 | Do. |
| 1874 | Agricultural laborers, mean between 1870 and 1880. | 1893 | Do. |
| 1877 or 1878 | Male agricultural laborers, 1880. | 1894 | Do. |
| 1878 or 1879 | Do. | 1895 | Male agricultural laborers, mean between 1890 and 1900. |
| 1879 or 1880 | Do. | 1898 | Male agricultural laborers, 1900. |
| 1880 or 1881 | Do. | 1899 | Do. |
| 1881 or 1882 | Do. | 1902 | Do. |
| 1884 or 1885 | Male agricultural laborers, mean between 1880 and 1890. | 1906 | Do. |
| 1887 or 1888 | Male agricultural laborers, 1890. | 1909 | Do. |

| Year of wage rates. | Domestic labor of women (from census of agriculture, 1900). | Year of wage rates. | Domestic labor of women (from census of agriculture, 1900). |
|---|---|---|---|
| 1902 | Number of farms operated by white farmers. | 1909 | Number of farms operated by white farmers. |
| 1906 | Do. | | |

## TREND OF WAGE RATES.

### PER MONTH, BY THE YEAR.

The average wage rates of the outdoor labor of men on farms per month may be found in Tables 11 to 15. The rates are for contracts of hiring by the year, or for the season, or for the year and season combined, and in all cases without board as well as with board. As has been previously stated, all of the 19 investigations of the wage rates of farm labor made by this bureau did not ascertain the rates per month in hiring by the year, by the season, and by the year and season combined.

In contracts of hiring by the year, with board, the rates of wages per month may be found in Table 12. The average rate for the United States in 1866 was $10.09. After some variations downward and upward, the rate reached the figure of $12.32 in 1880 or 1881, after which time the rate steadily rose to $13.29 in 1889 or 1890. The next year for which the rate was ascertained was 1909, when it was found to be $18.05.

Among the geographic divisions of States in 1909 the highest rate of wages per month in hiring by the year, with board, is found in the Western group, where the average was $31.30. Next in order was the North Central division with $22.22; third in order was the North Atlantic States with $20.73; the South Central States had an average of $14.25, and lowest of all was the average of the South Atlantic States, $13.10.

### PER MONTH, BY THE SEASON.

For only four years were the average rates of wages per month ascertained for contracts of hiring by the season. The United States average for contracts, with board, in 1866, was $12.69; in 1869, $12.65; in 1874, or 1875, $13.53; and for 1909, $20.80. The highest average rate of wages per month in hiring by the season with board is found in the Western States, $35.32; the average for the North Central States is $25.42; for the North Atlantic States, $24.56; in the South Central States, $16.57; and last of all in the South Atlantic States, $15.13.

### PER MONTH, YEAR AND SEASON COMBINED.

In Table 15, in which hirings by the year and season are combined, the average rate of wages per month, with board, in the United States in 1891, or 1892, was $13.48. The amount declined during the severe industrial depression of the nineties, after which the average

rate reached the figure of $13.90 in 1899, $15.51 in 1902, $18.73 in 1906, and $20.01 in 1909.

The geographic divisions are arranged in the same order as before from highest to lowest rate.

## COMPARISON WITH CENSUS.

The census of agriculture ascertained for 1899 and 1909 the amount of wages paid by farmers to farm laborers. Table 16 has been constructed to include these amounts of wages paid, the averages per farm and per farm laborer, and also to contain the results of a computation in which the average monthly wage rate of male laborers, with board, in hiring by the year and season in 1899 is multiplied by the number of such laborers in 1900, and in which this monthly aggregate of computed wages paid is multiplied by seven months, with a supposition that agricultural labor is employed for about this period of time each year. The computations made produce a total of $364,529,416 paid in wages for seven months, or practically for the whole year in 1899. The census aggregate of wages paid in 1899 is $357,391,930.

The Bureau of the Census reports that the wages paid for farm labor in 1909 were $651,611,287. Upon comparing with the amount for 1899, it will be observed that the amount for 1909 was almost double the former amount, although the rate of wages increased only 30 per cent. Certainly the number of agricultural laborers did not nearly double during the 10 years, nor did it increase by 30 per cent, and consequently the census figures indicate that the period of employment of agricultural laborers during one year has very considerably increased in recent years.

For the total number of farms, including those for which wages were not paid, the average rates paid per farm for farm labor in 1899 was $62; for 1909 the average was $102. It is possible to state for 1909 the average amount of wages paid per farm reporting payment of wages, and this average is $170.

If the census amount of wages paid farms in 1899 is divided by the number of farm laborers for 1900, the average amount of wages per laborer is found to be $81 for the year, an average which is not far from the average ascertained by multiplying the average wage rates as ascertained by this bureau by seven months, as shown in Table 16.

TABLE 11.—*Average wage rates of outdoor labor of men on farms, per month in hiring by the year, without board, by States and geographic divisions, 11 investigations from 1866 to 1909.*

[Currency years 1866 to 1878 in gold.]

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined) | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 | 1909 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $19.01 | $19.27 | $22.05 | $18.14 | $21.00 | $20.62 | $24.75 | $23.09 | $24.64 | $25.00 | $33.15 |
| New Hampshire | 23.05 | 23.97 | 24.80 | 19.63 | 21.45 | 20.36 | 25.25 | 22.80 | 24.38 | 25.15 | 35.46 |
| Vermont | 23.12 | 23.78 | 25.75 | 18.89 | 19.12 | 22.30 | 23.37 | 23.00 | 23.25 | 24.80 | 34.62 |
| Massachusetts | 27.41 | 26.39 | 27.66 | 24.85 | 28.60 | 25.33 | 30.66 | 28.75 | 29.50 | 30.00 | 37.73 |
| Rhode Island | 24.22 | 23.67 | 26.04 | ..... | 19.00 | 22.00 | 27.75 | 28.50 | 27.75 | 29.20 | 38.33 |
| Connecticut | 24.11 | 24.22 | 24.52 | 23.15 | 23.40 | 26.00 | 27.90 | 27.67 | 27.40 | 27.00 | 34.29 |
| New York | 20.82 | 21.49 | 23.56 | 20.49 | 20.80 | 22.13 | 23.63 | 24.00 | 24.13 | 24.45 | 30.60 |
| New Jersey | 22.72 | 23.57 | 26.66 | 20.10 | 21.58 | 22.30 | 24.25 | 23.60 | 23.33 | 25.10 | 30.19 |
| Pennsylvania | 21.06 | 21.05 | 22.47 | 19.80 | 20.25 | 22.47 | 22.88 | 22.52 | 22.24 | 22.80 | 27.18 |
| Delaware | 17.55 | 16.15 | 17.65 | 16.90 | 16.00 | ..... | 18.20 | 18.33 | 18.00 | 17.35 | 24.97 |
| Maryland | 14.33 | 15.82 | 17.38 | 13.92 | 14.72 | 16.31 | 16.34 | 18.20 | 18.48 | 17.67 | 23.08 |
| Virginia | 10.43 | 11.22 | 12.88 | 10.93 | 12.30 | 12.66 | 13.96 | 13.95 | 13.82 | 14.21 | 19.40 |
| West Virginia | 17.85 | 15.70 | 18.01 | 16.88 | 18.45 | 17.82 | 19.16 | 19.00 | 18.74 | 19.55 | 25.59 |
| North Carolina | 9.48 | 9.37 | 11.68 | 11.12 | 11.92 | 12.66 | 12.86 | 12.85 | 13.41 | 12.83 | 17.94 |
| South Carolina | 8.45 | 8.47 | 11.15 | 10.19 | 10.28 | 10.43 | 12.10 | 12.00 | 12.25 | 12.10 | 14.73 |
| Georgia | 10.92 | 10.79 | 12.50 | 10.67 | 11.16 | 12.46 | 12.86 | 12.47 | 12.60 | 13.13 | 17.30 |
| Florida | 12.67 | 11.82 | 13.45 | 13.72 | 15.76 | 15.73 | 16.64 | 17.80 | 18.00 | 19.35 | 24.96 |
| Ohio | 20.04 | 19.34 | 20.88 | 20.60 | 21.02 | 22.30 | 24.55 | 23.00 | 22.21 | 22.10 | 26.72 |
| Indiana | 19.51 | 18.66 | 21.01 | 20.08 | 21.37 | 21.15 | 23.14 | 22.20 | 22.50 | 22.25 | 25.58 |
| Illinois | 20.09 | 20.05 | 21.87 | 20.49 | 22.11 | 23.53 | 23.91 | 23.50 | 23.20 | 23.25 | 30.01 |
| Michigan | 22.01 | 22.76 | 24.49 | 22.74 | 23.90 | 24.59 | 25.76 | 24.00 | 25.20 | 24.80 | 29.37 |
| Wisconsin | 21.71 | 22.08 | 22.13 | 20.94 | 22.03 | 23.76 | 26.21 | 23.54 | 24.65 | 24.35 | 33.03 |
| Minnesota | 22.28 | 21.00 | 22.71 | 24.40 | 24.11 | 26.26 | 26.36 | 25.50 | 25.75 | 24.60 | 34.82 |
| Iowa | 19.95 | 20.84 | 21.14 | 21.96 | 23.26 | 24.36 | 26.21 | 25.33 | 25.60 | 25.41 | 34.37 |
| Missouri | 18.83 | 17.96 | 16.84 | 17.48 | 19.14 | 19.53 | 22.39 | 21.35 | 21.00 | 20.25 | 26.18 |
| North Dakota | 21.26 | ..... | 28.21 | 28.39 | 27.17 | 30.18 | ..... | 25.55 | 25.85 | 24.75 | 40.86 |
| South Dakota | | | | | | | | | | | 37.66 |
| Nebraska | 27.01 | 24.41 | 20.83 | 22.90 | 24.48 | 24.44 | 24.45 | 25.00 | 25.59 | 25.50 | 35.84 |
| Kansas | 23.96 | 21.26 | 20.14 | 20.55 | 21.78 | 22.49 | 23.85 | 24.70 | 24.25 | 22.75 | 32.82 |
| Kentucky | 14.24 | 13.83 | 15.73 | 15.08 | 16.28 | 16.61 | 18.20 | 16.80 | 16.51 | 16.85 | 20.20 |
| Tennessee | 13.38 | 12.34 | 13.19 | 12.65 | 13.08 | 15.15 | 13.75 | 13.88 | 14.00 | 14.23 | 18.81 |
| Alabama | 9.43 | 11.15 | 11.80 | 13.12 | 12.87 | 13.17 | 13.15 | 13.00 | 13.59 | 14.00 | 17.24 |
| Mississippi | 11.77 | 12.56 | 14.24 | 13.23 | 13.55 | 15.19 | 15.10 | 14.60 | 15.03 | 15.38 | 18.56 |
| Louisiana | 14.43 | 15.69 | 15.97 | 16.30 | 16.62 | 17.46 | 18.20 | 16.05 | 15.37 | 15.98 | 18.74 |
| Texas | 13.38 | 13.82 | 16.93 | 18.16 | 17.48 | 19.11 | 20.20 | 18.87 | 19.20 | 19.85 | 23.26 |
| Oklahoma | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 27.32 |
| Arkansas | 17.04 | 18.53 | 17.79 | 17.02 | 17.61 | 19.30 | 18.50 | 17.33 | 18.34 | 18.40 | 20.68 |
| Montana | ..... | ..... | ..... | ..... | ..... | 45.00 | ..... | ..... | 40.00 | 36.50 | 49.00 |
| Wyoming | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 37.00 | 34.00 | 41.25 |
| Colorado | 67.50 | ..... | 38.50 | ..... | ..... | 38.33 | 36.50 | 33.00 | 36.00 | 33.75 | 42.35 |
| New Mexico | 25.00 | ..... | 22.75 | 22.10 | 22.00 | 32.00 | ..... | 28.75 | 28.75 | 27.50 | 32.24 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 25.00 | 33.00 | 44.95 |
| Utah | 44.71 | ..... | 35.50 | 28.87 | 32.60 | 38.56 | ..... | 30.00 | 33.50 | 32.30 | 48.21 |
| Nevada | 75.00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 38.00 | 35.00 | 48.25 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 39.00 | 36.25 | 47.08 |
| Washington | 52.25 | ..... | ..... | ..... | ..... | 38.67 | ..... | 38.33 | 35.20 | 37.00 | 44.53 |
| Oregon | 35.75 | ..... | 38.25 | 35.45 | 37.40 | 33.50 | 33.50 | 34.00 | 32.56 | 31.60 | 40.65 |
| California | 45.71 | 46.38 | 44.50 | 41.00 | 40.93 | 38.00 | 38.25 | 38.75 | 38.08 | 35.50 | 45.77 |
| Geographic division: | | | | | | | | | | | |
| North Atlantic | 22.04 | 22.36 | 24.09 | 20.42 | 21.23 | 22.52 | 24.21 | 23.88 | 24.15 | 24.72 | 30.89 |
| South Atlantic | 10.67 | 10.72 | 12.73 | 11.49 | 12.25 | 12.87 | 13.70 | 13.79 | 13.88 | 13.94 | 18.76 |
| North Central | 20.39 | 20.01 | 21.11 | 20.73 | 21.88 | 22.81 | 24.08 | 23.51 | 23.67 | 22.25 | 30.55 |
| South Central | 12.57 | 13.18 | 14.55 | 14.88 | 15.16 | 16.31 | 16.52 | 15.65 | 15.84 | 16.10 | 20.27 |
| Western | 40.28 | 46.38 | 40.69 | 33.68 | 34.77 | 36.01 | 36.67 | 37.19 | 35.64 | 33.96 | 44.35 |
| United States | 15.50 | 15.50 | 17.10 | 16.79 | 17.53 | 18.52 | 19.11 | 19.22 | 19.67 | 19.45 | 25.46 |

TABLE 12.—*Average wage rates of outdoor labor of men on farms, per month in hiring by the year, with board, by States and geographic divisions, 11 investigations from 1866 to 1909.*

[Currency years 1866 to 1878 in gold.]

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 | 1909 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $12.28 | $12.11 | $13.84 | $11.01 | $12.78 | $12.80 | $16.15 | $16.00 | $17.20 | $17.50 | $23.17 |
| New Hampshire | 15.83 | 16.27 | 15.84 | 12.23 | 13.31 | 13.00 | 16.72 | 15.75 | 17.00 | 17.60 | 22.38 |
| Vermont | 14.78 | 15.71 | 16.81 | 11.43 | 12.62 | 14.33 | 16.00 | 16.20 | 16.40 | 17.35 | 24.03 |
| Massachusetts | 15.74 | 16.27 | 17.58 | 15.24 | 15.40 | 15.44 | 18.25 | 17.85 | 18.00 | 18.50 | 22.83 |
| Rhode Island | 14.43 | 14.68 | 16.49 | 13.17 | ..... | 14.00 | 17.00 | 17.70 | 17.50 | 18.00 | 21.88 |
| Connecticut | 15.16 | 15.23 | 16.06 | 14.14 | 14.00 | 13.00 | 17.37 | 17.20 | 17.17 | 17.33 | 21.95 |
| New York | 13.60 | 13.68 | 15.45 | 13.11 | 13.98 | 13.81 | 15.36 | 16.52 | 16.30 | 16.65 | 22.08 |
| New Jersey | 13.36 | 13.96 | 14.57 | 11.46 | 12.75 | 12.80 | 14.20 | 14.10 | 15.73 | 16.00 | 18.82 |
| Pennsylvania | 13.26 | 13.25 | 13.97 | 11.39 | 12.60 | 13.80 | 14.21 | 14.12 | 14.50 | 14.60 | 17.60 |
| Delaware | 9.33 | 9.54 | 10.13 | 9.44 | 10.00 | ..... | 12.50 | 12.63 | 12.25 | 11.15 | 15.50 |
| Maryland | 8.98 | 8.81 | 9.91 | 8.90 | 9.23 | 10.10 | 9.89 | 11.50 | 11.84 | 11.25 | 15.11 |
| Virginia | 6.59 | 7.08 | 7.99 | 7.61 | 8.25 | 8.43 | 9.17 | 9.34 | 9.25 | 9.47 | 13.48 |
| West Virginia | 11.59 | 10.18 | 11.37 | 10.87 | 11.77 | 11.71 | 12.46 | 12.40 | 12.25 | 12.95 | 17.94 |
| North Carolina | 5.74 | 5.81 | 7.66 | 7.61 | 8.10 | 8.78 | 8.80 | 8.91 | 9.00 | 8.80 | 12.50 |
| South Carolina | 5.39 | 5.39 | 7.11 | 6.62 | 7.32 | 7.95 | 8.10 | 8.25 | 8.00 | 8.62 | 10.91 |
| Georgia | 6.81 | 7.12 | 7.63 | 7.34 | 8.21 | 8.47 | 8.70 | 8.73 | 8.81 | 8.37 | 12.30 |
| Florida | 8.53 | 8.01 | 9.33 | 8.68 | 10.68 | 9.26 | 10.20 | 11.37 | 11.33 | 12.59 | 15.96 |
| Ohio | 13.35 | 12.29 | 14.17 | 13.26 | 13.95 | 14.66 | 16.30 | 15.50 | 15.00 | 15.10 | 19.19 |
| Indiana | 13.18 | 12.50 | 14.01 | 12.68 | 14.15 | 14.52 | 15.65 | 15.30 | 15.30 | 14.78 | 19.36 |
| Illinois | 13.18 | 12.98 | 14.64 | 12.93 | 14.97 | 16.25 | 17.14 | 16.60 | 16.00 | 16.35 | 22.88 |
| Michigan | 14.42 | 14.70 | 16.02 | 14.55 | 15.68 | 16.58 | 17.27 | 16.14 | 17.00 | 16.75 | 21.57 |
| Wisconsin | 13.99 | 13.56 | 14.28 | 13.73 | 14.76 | 15.87 | 17.90 | 16.78 | 16.80 | 16.75 | 24.39 |
| Minnesota | 14.85 | 13.17 | 14.20 | 15.53 | 16.33 | 16.44 | 17.75 | 16.75 | 17.68 | 16.60 | 23.98 |
| Iowa | 13.28 | 13.12 | 13.98 | 13.82 | 13.74 | 16.38 | 17.95 | 17.00 | 17.34 | 17.00 | 25.63 |
| Missouri | 12.73 | 12.02 | 11.41 | 11.77 | 13.00 | 13.34 | 13.95 | 14.50 | 14.20 | 14.00 | 18.85 |
| North Dakota | 14.08 | ..... | 17.79 | 16.47 | 18.10 | 19.55 | ..... | 17.60 | 18.21 | 17.10 | 27.01 |
| South Dakota | | | | | | | | | | | 26.06 |
| Nebraska | 17.35 | 14.08 | 12.80 | 14.77 | 14.52 | 14.53 | 16.20 | 16.50 | 17.18 | 16.60 | 25.04 |
| Kansas | 13.95 | 13.49 | 12.72 | 13.20 | 13.43 | 14.06 | 15.87 | 16.00 | 16.05 | 15.05 | 23.00 |
| Kentucky | 9.61 | 9.23 | 10.42 | 9.94 | 10.75 | 11.19 | 11.75 | 11.69 | 11.33 | 11.70 | 15.10 |
| Tennessee | 8.86 | 8.07 | 8.68 | 8.64 | 9.13 | 9.58 | 9.49 | 9.74 | 10.00 | 10.12 | 13.30 |
| Alabama | 6.90 | 7.72 | 8.16 | 8.25 | 8.87 | 9.38 | 9.09 | 9.10 | 9.49 | 9.85 | 11.94 |
| Mississippi | 8.15 | 8.23 | 9.76 | 9.22 | 9.80 | 10.24 | 10.09 | 10.00 | 10.09 | 10.50 | 12.92 |
| Louisiana | 8.74 | 9.26 | 10.59 | 11.20 | 12.26 | 12.26 | 12.69 | 11.26 | 11.12 | 11.79 | 13.06 |
| Texas | 8.95 | 9.70 | 11.61 | 11.42 | 12.09 | 13.31 | 14.03 | 13.72 | 12.60 | 13.30 | 16.66 |
| Oklahoma | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 18.69 |
| Arkansas | 11.12 | 12.18 | 11.28 | 11.24 | 11.73 | 13.03 | 12.25 | 12.25 | 12.50 | 12.55 | 14.50 |
| Montana | ..... | ..... | ..... | ..... | ..... | 30.50 | ..... | ..... | 27.50 | 23.80 | 35.00 |
| Wyoming | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 25.00 | 23.00 | 30.75 |
| Colorado | 42.12 | ..... | 21.14 | 20.00 | ..... | 23.71 | 27.08 | 21.25 | 23.00 | 21.00 | 28.23 |
| New Mexico | 16.50 | ..... | 14.25 | 13.80 | 13.80 | 21.00 | ..... | 17.50 | 18.25 | 17.83 | 23.79 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 16.00 | 21.50 | 31.76 |
| Utah | 26.32 | ..... | 25.33 | 20.50 | 23.00 | 25.00 | ..... | 21.00 | 22.30 | 21.00 | 35.45 |
| Nevada | 60.00 | ..... | ..... | ..... | ..... | 35.00 | ..... | ..... | 27.00 | 23.00 | 37.50 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 26.25 | 23.50 | 34.49 |
| Washington | 36.25 | ..... | ..... | ..... | ..... | 24.17 | ..... | 26.25 | 25.00 | 24.40 | 31.32 |
| Oregon | 22.53 | ..... | 25.67 | 23.86 | 23.43 | 21.60 | 24.75 | 21.25 | 23.00 | 22.00 | 29.44 |
| California | 30.35 | 28.69 | 28.60 | 26.27 | 27.12 | 25.67 | 46.90 | 25.00 | 25.67 | 22.40 | 31.75 |
| Geographic division: | | | | | | | | | | | |
| North Atlantic | 13.93 | 14.13 | 15.26 | 12.44 | 13.42 | 13.74 | 15.37 | 15.67 | 16.02 | 16.33 | 20.73 |
| South Atlantic | 6.68 | 6.80 | 7.97 | 7.70 | 8.41 | 8.77 | 9.09 | 9.35 | 9.28 | 9.31 | 13.10 |
| North Central | 13.47 | 12.86 | 13.99 | 13.28 | 14.33 | 15.26 | 16.25 | 16.02 | 16.05 | 15.81 | 22.22 |
| South Central | 8.49 | 8.70 | 9.77 | 9.83 | 10.50 | 11.11 | 11.18 | 11.01 | 10.91 | 11.31 | 14.25 |
| Western | 25.88 | 28.69 | 27.05 | 22.14 | 22.89 | 23.79 | 23.88 | 24.11 | 23.99 | 21.82 | 31.30 |
| United States | 10.09 | 9.97 | 11.16 | 10.86 | 11.70 | 12.32 | 12.88 | 13.08 | 13.29 | 13.29 | 18.05 |

TABLE 13.—*Average wage rates of outdoor labor of men on farms, per month in hiring by the season, without and with board, by States and geographic divisions, 4 investigations in 1866, 1869, 1875, and 1909.*

[Currency years 1866 to 1875 in gold.]

| State and geographic division. | Without board. | | | | With board. | | | |
|---|---|---|---|---|---|---|---|---|
| | 1866 | 1869 | 1874 or 1875 | 1909 | 1866 | 1869 | 1874 or 1875 | 1909 |
| Maine | $22.36 | $22.76 | $25.39 | $38.44 | $16.24 | $15.74 | $17.83 | $27.60 |
| New Hampshire | 27.54 | 29.24 | 30.14 | 38.92 | 20.01 | 21.39 | 20.38 | 26.33 |
| Vermont | 26.36 | 28.63 | 28.37 | 37.44 | 18.11 | 20.03 | 19.03 | 26.86 |
| Massachusetts | 29.29 | 30.10 | 33.39 | 44.17 | 19.59 | 20.37 | 20.16 | 29.30 |
| Rhode Island | 28.16 | 27.90 | 30.36 | 46.17 | 18.54 | 18.72 | 19.51 | 26.38 |
| Connecticut | 27.92 | 28.27 | 31.22 | 38.67 | 19.92 | 18.72 | 20.16 | 26.39 |
| New York | 24.56 | 25.18 | 27.24 | 35.00 | 17.08 | 16.92 | 18.63 | 26.00 |
| New Jersey | 23.32 | 25.24 | 32.74 | 33.69 | 16.74 | 16.50 | 17.67 | 22.06 |
| Pennsylvania | 24.01 | 24.23 | 26.02 | 30.57 | 16.10 | 16.31 | 16.05 | 20.72 |
| Delaware | 18.48 | 18.36 | 21.25 | 26.32 | 10.74 | 12.85 | 13.30 | 17.36 |
| Maryland | 16.78 | 18.14 | 19.31 | 24.56 | 10.97 | 11.23 | 11.68 | 16.81 |
| Virginia | 12.12 | 13.09 | 14.15 | 22.25 | 8.51 | 9.21 | 9.71 | 16.01 |
| West Virginia | 20.66 | 18.96 | 20.29 | 28.75 | 14.92 | 12.94 | 13.98 | 21.01 |
| North Carolina | 10.69 | 11.00 | 13.16 | 20.21 | 7.04 | 7.38 | 9.25 | 14.69 |
| South Carolina | 9.86 | 9.89 | 12.64 | 16.36 | 6.66 | 7.20 | 9.11 | 12.66 |
| Georgia | 12.99 | 12.97 | 14.28 | 18.91 | 8.50 | 9.36 | 10.12 | 13.72 |
| Florida | 14.47 | 15.60 | 16.91 | 27.20 | 10.18 | 10.28 | 9.19 | 18.49 |
| Ohio | 22.84 | 23.33 | 22.96 | 29.58 | 16.30 | 15.95 | 16.87 | 22.11 |
| Indiana | 22.18 | 22.37 | 24.67 | 28.77 | 15.84 | 15.28 | 16.91 | 22.15 |
| Illinois | 23.30 | 22.79 | 24.89 | 31.77 | 16.40 | 15.62 | 16.87 | 25.09 |
| Michigan | 24.60 | 24.97 | 27.84 | 33.92 | 17.00 | 17.88 | 19.08 | 25.10 |
| Wisconsin | 25.10 | 24.96 | 25.47 | 38.22 | 17.32 | 16.76 | 17.39 | 28.57 |
| Minnesota | 27.03 | 25.58 | 26.58 | 39.79 | 19.13 | 17.28 | 18.04 | 29.25 |
| Iowa | 23.40 | 24.70 | 24.07 | 36.77 | 16.77 | 16.48 | 16.91 | 28.93 |
| Missouri | 21.71 | 21.84 | 19.84 | 28.23 | 15.25 | 15.65 | 14.16 | 21.10 |
| North Dakota | 22.53 | ..... | 32.38 | 46.93 | 15.49 | ..... | 21.25 | 33.34 |
| South Dakota | | | | 41.52 | | | | 31.46 |
| Nebraska | 32.68 | 28.14 | 24.50 | 38.65 | 22.08 | 18.87 | 15.92 | 28.28 |
| Kansas | 25.63 | 24.57 | 22.38 | 35.34 | 17.92 | 16.70 | 14.87 | 25.83 |
| Kentucky | 16.76 | 15.67 | 18.48 | 23.31 | 12.01 | 10.93 | 12.88 | 18.00 |
| Tennessee | 15.49 | 14.33 | 15.96 | 21.02 | 11.69 | 10.24 | 10.87 | 15.70 |
| Alabama | 11.53 | 12.90 | 14.53 | 19.29 | 7.74 | 9.32 | 10.45 | 13.78 |
| Mississippi | 15.90 | 14.74 | 16.48 | 20.37 | 11.83 | 12.38 | 11.71 | 14.82 |
| Louisiana | 15.66 | 19.88 | 16.26 | 19.93 | 12.91 | 13.55 | 10.87 | 14.37 |
| Texas | 16.71 | 15.54 | 20.10 | 25.77 | 11.80 | 12.46 | 14.37 | 19.07 |
| Oklahoma | ..... | ..... | ..... | 29.05 | ..... | ..... | ..... | 21.42 |
| Arkansas | 20.85 | 19.93 | 20.21 | 23.25 | 13.70 | 13.70 | 15.61 | 16.82 |
| Montana | ..... | ..... | 49.00 | 55.08 | ..... | ..... | 35.56 | 39.29 |
| Wyoming | ..... | ..... | 52.47 | 44.75 | ..... | ..... | 38.81 | 35.60 |
| Colorado | 79.16 | ..... | 36.31 | 46.61 | 50.00 | ..... | 21.37 | 32.57 |
| New Mexico | 30.00 | ..... | 20.60 | 34.68 | 25.00 | ..... | 13.01 | 26.11 |
| Arizona | ..... | ..... | ..... | 49.01 | ..... | ..... | ..... | 36.10 |
| Utah | 58.22 | ..... | 37.29 | 57.00 | 38.41 | ..... | 28.62 | 41.36 |
| Nevada | 85.00 | ..... | ..... | 56.23 | 70.00 | ..... | ..... | 40.83 |
| Idaho | ..... | ..... | ..... | 52.64 | ..... | ..... | ..... | 40.45 |
| Washington | 60.50 | ..... | 36.13 | 49.25 | 44.50 | ..... | 28.19 | 36.39 |
| Oregon | 41.60 | ..... | 34.91 | 44.81 | 29.00 | ..... | 25.33 | 34.03 |
| California | 50.00 | 41.91 | 45.27 | 47.79 | 34.39 | 26.62 | 31.22 | 34.93 |
| Geographic division: | | | | | | | | |
| North Atlantic | 25.19 | 25.96 | 28.31 | 35.11 | 17.45 | 17.58 | 18.25 | 24.56 |
| South Atlantic | 12.41 | 12.70 | 14.42 | 20.86 | 8.33 | 8.86 | 9.94 | 15.13 |
| North Central | 23.39 | 23.49 | 24.07 | 33.64 | 16.50 | 16.15 | 16.75 | 25.42 |
| South Central | 15.25 | 15.32 | 16.92 | 22.48 | 11.09 | 11.32 | 11.98 | 16.57 |
| Western | 47.06 | 41.91 | 40.68 | 48.04 | 33.05 | 26.62 | 29.10 | 35.32 |
| United States | 18.08 | 18.06 | 19.60 | 28.22 | 12.69 | 12.65 | 13.53 | 20.80 |

TABLE 14.—*Average wage rates of outdoor labor of men on farms, per month in hiring by the year and season, without board, by States and geographic divisions, 9 investigations from 1891 to 1909.*

[Average of year and season contracts.]

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $24.50 | $26.39 | $24.84 | $26.65 | $25.65 | $26.58 | $29.41 | $34.32 | $37.38 |
| New Hamspshire | 25.00 | 28.72 | 27.45 | 29.29 | 27.41 | 28.22 | 33.52 | 34.78 | 37.92 |
| Vermont | 24.67 | 25.55 | 23.60 | 27.37 | 26.68 | 27.49 | 31.45 | 34.79 | 36.51 |
| Massachusetts | 29.70 | 31.15 | 29.07 | 30.66 | 30.54 | 31.25 | 33.22 | 37.14 | 41.40 |
| Rhode Island | 29.00 | 30.58 | 28.75 | 28.71 | 29.71 | 30.56 | 29.23 | 34.46 | 43.11 |
| Connecticut | 27.38 | 32.32 | 28.94 | 30.47 | 29.02 | 30.28 | 30.12 | 36.77 | 36.92 |
| New York | 24.55 | 26.64 | 25.62 | 25.32 | 24.26 | 24.88 | 27.73 | 32.39 | 33.64 |
| New Jersey | 25.50 | 24.83 | 23.97 | 24.82 | 24.79 | 25.30 | 27.37 | 30.70 | 32.01 |
| Pennsylvania | 23.00 | 22.84 | 21.32 | 21.93 | 21.68 | 22.71 | 25.61 | 28.24 | 29.45 |
| Delaware | 18.75 | 19.54 | 18.51 | 18.52 | 18.24 | 18.55 | 21.55 | 23.25 | 26.14 |
| Maryland | 17.50 | 18.30 | 17.98 | 17.62 | 17.75 | 17.92 | 19.71 | 22.77 | 23.82 |
| Virginia | 15.50 | 14.40 | 13.86 | 13.88 | 14.41 | 14.82 | 16.50 | 20.23 | 21.11 |
| West Virginia | 19.50 | 19.06 | 17.91 | 18.57 | 19.05 | 19.85 | 22.69 | 26.96 | 28.05 |
| North Carolina | 13.30 | 12.56 | 11.73 | 11.59 | 12.10 | 12.39 | 13.79 | 18.62 | 19.55 |
| South Carolina | 12.50 | 10.96 | 10.18 | 9.91 | 9.96 | 10.06 | 11.66 | 16.15 | 15.71 |
| Georgia | 13.50 | 12.54 | 11.63 | 10.64 | 11.27 | 11.38 | 13.36 | 18.20 | 18.33 |
| Florida | 18.67 | 18.24 | 18.28 | 17.37 | 17.07 | 17.40 | 19.58 | 25.74 | 26.64 |
| Ohio | 22.63 | 21.99 | 20.59 | 20.89 | 20.98 | 22.14 | 24.62 | 27.80 | 28.84 |
| Indiana | 22.75 | 21.87 | 20.42 | 20.97 | 20.76 | 21.87 | 23.84 | 26.52 | 27.91 |
| Illinois | 24.25 | 24.79 | 23.56 | 23.79 | 23.46 | 24.34 | 25.92 | 29.99 | 31.31 |
| Michigan | 24.00 | 25.13 | 22.84 | 21.97 | 22.32 | 24.12 | 27.78 | 31.27 | 32.96 |
| Wisconsin | 25.25 | 26.96 | 24.96 | 25.25 | 25.47 | 27.68 | 30.78 | 36.06 | 36.92 |
| Minnesota | 26.00 | 27.81 | 24.82 | 26.70 | 26.92 | 29.46 | 33.11 | 36.69 | 38.90 |
| Iowa | 26.20 | 27.16 | 25.29 | 25.52 | 25.38 | 27.09 | 30.31 | 33.44 | 36.19 |
| Missouri | 20.50 | 20.57 | 19.37 | 19.69 | 19.76 | 20.44 | 21.93 | 25.68 | 27.74 |
| North Dakota | 30.00 | 33.28 | 29.16 | 29.87 | 30.72 | 32.84 | 36.59 | 41.73 | 45.96 |
| South Dakota | 27.00 | 29.17 | 24.73 | 25.65 | 28.22 | 30.58 | 34.52 | 39.41 | 40.75 |
| Nebraska | 25.75 | 26.27 | 23.55 | 23.40 | 25.80 | 27.40 | 30.34 | 35.17 | 37.98 |
| Kansas | 24.20 | 24.00 | 22.13 | 23.14 | 23.96 | 25.24 | 26.81 | 30.54 | 34.79 |
| Kentucky | 17.50 | 16.67 | 15.66 | 15.78 | 16.08 | 16.64 | 17.50 | 20.91 | 22.38 |
| Tennessee | 14.50 | 14.02 | 13.04 | 13.28 | 13.71 | 14.21 | 15.03 | 18.78 | 20.36 |
| Alabama | 13.75 | 13.05 | 11.68 | 11.76 | 12.00 | 12.56 | 13.98 | 19.04 | 18.63 |
| Mississippi | 15.40 | 13.54 | 12.07 | 11.61 | 12.81 | 13.17 | 14.47 | 20.72 | 19.79 |
| Louisiana | 16.25 | 15.96 | 14.70 | 14.06 | 14.57 | 14.88 | 18.15 | 20.82 | 19.54 |
| Texas | 18.75 | 18.96 | 17.78 | 17.85 | 17.79 | 17.98 | 19.62 | 23.16 | 25.14 |
| Oklahoma | ..... | 21.47 | 20.47 | 17.38 | 20.80 | 21.55 | 22.89 | 26.58 | 28.70 |
| Arkansas | 17.30 | 16.86 | 15.28 | 14.50 | 14.64 | 15.09 | 17.74 | 21.46 | 22.68 |
| Montana | 35.00 | 45.17 | 41.48 | 39.76 | 41.18 | 42.78 | 45.04 | 52.57 | 53.32 |
| Wyoming | 34.00 | 43.03 | 39.80 | 36.07 | 40.00 | 42.54 | 43.08 | 49.15 | 43.98 |
| Colorado | 33.00 | 35.18 | 32.24 | 31.26 | 32.86 | 34.36 | 37.13 | 43.80 | 45.59 |
| New Mexico | 27.67 | 27.47 | 24.71 | 27.68 | 25.55 | 25.22 | 31.23 | 32.93 | 34.17 |
| Arizona | 33.00 | 38.88 | 32.84 | 33.29 | 37.19 | 38.26 | 39.65 | 44.09 | 48.24 |
| Utah | 33.50 | 33.29 | 29.98 | 29.81 | 32.97 | 34.43 | 37.99 | 44.88 | 56.12 |
| Nevada | 36.00 | 43.33 | 40.19 | 40.71 | 45.18 | 45.10 | 46.25 | 61.89 | 54.95 |
| Idaho | 35.50 | 37.76 | 33.08 | 32.15 | 37.48 | 39.39 | 41.78 | 50.34 | 51.64 |
| Washington | 37.50 | 35.43 | 29.74 | 28.37 | 33.68 | 36.77 | 40.54 | 47.55 | 48.54 |
| Oregon | 34.25 | 30.58 | 25.73 | 23.79 | 29.32 | 31.23 | 37.20 | 43.24 | 43.98 |
| California | 36.50 | 38.25 | 35.88 | 33.30 | 35.08 | 36.87 | 40.90 | 44.82 | 47.30 |
| Geographic division: | | | | | | | | | |
| North Atlantic | 24.80 | 26.11 | 24.66 | 25.27 | 24.63 | 25.44 | 28.04 | 31.93 | 33.68 |
| South Atlantic | 14.43 | 13.57 | 12.82 | 12.63 | 13.08 | 13.35 | 15.16 | 19.61 | 20.13 |
| North Central | 23.96 | 24.40 | 22.60 | 23.06 | 23.33 | 24.75 | 27.23 | 30.97 | 32.90 |
| South Central | 16.09 | 15.45 | 14.20 | 14.25 | 15.04 | 15.47 | 17.07 | 21.13 | 21.85 |
| Western | 34.84 | 35.32 | 32.18 | 31.74 | 33.85 | 35.64 | 39.68 | 44.99 | 47.24 |
| United States | 20.02 | 19.97 | 18.57 | 18.74 | 19.16 | 19.97 | 22.12 | 26.19 | 27.43 |

TABLE 15.—*Average wage rates of outdoor labor of men on farms, per month in hiring by the year and season, with board, by States and geographic divisions, 9 investigations from 1891 to 1909.*

[Average of year and season contracts.]

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $17.00 | $18.20 | $17.28 | $17.68 | $17.20 | $18.00 | $20.84 | $24.44 | $26.71 |
| New Hampshire | 17.50 | 18.96 | 17.80 | 18.03 | 18.00 | 18.48 | 20.42 | 23.48 | 25.18 |
| Vermont | 17.45 | 18.20 | 16.81 | 17.94 | 18.30 | 18.74 | 21.40 | 24.71 | 25.93 |
| Massachusetts | 18.00 | 18.55 | 17.10 | 17.75 | 17.64 | 18.32 | 19.36 | 22.69 | 26.52 |
| Rhode Island | 17.75 | 19.14 | 17.98 | 17.90 | 17.94 | 18.35 | 18.25 | 22.11 | 24.62 |
| Connecticut | 17.50 | 18.21 | 16.71 | 17.24 | 17.14 | 17.52 | 18.85 | 22.19 | 24.61 |
| New York | 16.50 | 18.91 | 18.07 | 17.82 | 17.00 | 17.52 | 19.65 | 23.37 | 24.78 |
| New Jersey | 16.75 | 14.74 | 14.41 | 14.56 | 14.79 | 15.19 | 16.90 | 19.33 | 20.50 |
| Pennsylvania | 15.00 | 14.19 | 13.03 | 13.66 | 13.56 | 14.32 | 16.09 | 18.79 | 19.69 |
| Delaware | 12.00 | 12.23 | 11.05 | 11.33 | 11.71 | 11.98 | 13.81 | 15.74 | 17.12 |
| Maryland | 11.33 | 11.77 | 11.48 | 11.14 | 11.36 | 11.53 | 12.67 | 15.02 | 15.96 |
| Virginia | 9.67 | 9.84 | 9.37 | 9.32 | 10.07 | 10.43 | 11.29 | 14.44 | 15.00 |
| West Virginia | 12.75 | 12.82 | 11.80 | 12.29 | 12.90 | 13.55 | 15.59 | 19.10 | 20.33 |
| North Carolina | 8.78 | 8.62 | 7.95 | 7.80 | 8.31 | 8.56 | 9.61 | 13.38 | 14.05 |
| South Carolina | 8.40 | 7.92 | 7.33 | 6.93 | 7.25 | 7.34 | 8.24 | 11.74 | 11.96 |
| Georgia | 9.00 | 8.99 | 8.22 | 7.43 | 7.98 | 8.05 | 9.30 | 13.24 | 13.21 |
| Florida | 12.27 | 11.67 | 11.63 | 11.02 | 11.07 | 11.32 | 12.68 | 17.50 | 17.86 |
| Ohio | 15.60 | 15.40 | 14.28 | 14.48 | 14.45 | 15.27 | 17.26 | 19.88 | 21.35 |
| Indiana | 15.00 | 15.69 | 14.59 | 14.88 | 14.67 | 15.45 | 16.98 | 19.35 | 21.40 |
| Illinois | 16.50 | 18.08 | 17.02 | 17.23 | 17.06 | 17.76 | 19.18 | 22.55 | 24.52 |
| Michigan | 16.00 | 17.54 | 15.80 | 15.26 | 15.58 | 16.95 | 20.06 | 22.73 | 24.36 |
| Wisconsin | 17.00 | 18.58 | 16.74 | 16.92 | 17.50 | 19.20 | 22.17 | 25.83 | 27.52 |
| Minnesota | 17.60 | 18.78 | 16.03 | 17.32 | 18.16 | 19.98 | 22.79 | 25.81 | 28.30 |
| Iowa | 17.75 | 19.46 | 17.90 | 18.15 | 18.18 | 19.32 | 22.14 | 24.69 | 28.14 |
| Missouri | 14.20 | 14.56 | 13.71 | 14.08 | 14.10 | 14.57 | 15.74 | 18.88 | 20.56 |
| North Dakota | 21.00 | 22.27 | 18.80 | 19.47 | 20.10 | 21.82 | 25.05 | 28.90 | 32.33 |
| South Dakota | 18.25 | 20.24 | 16.73 | 16.89 | 18.90 | 20.41 | 23.55 | 27.82 | 30.38 |
| Nebraska | 16.80 | 17.96 | 15.81 | 15.99 | 17.80 | 18.87 | 20.83 | 24.67 | 27.50 |
| Kansas | 16.20 | 16.27 | 14.89 | 15.46 | 16.62 | 17.46 | 18.63 | 21.20 | 25.21 |
| Kentucky | 12.40 | 11.98 | 11.18 | 11.23 | 11.77 | 12.24 | 12.76 | 15.60 | 17.13 |
| Tennessee | 10.20 | 10.10 | 9.30 | 9.38 | 9.90 | 10.33 | 10.81 | 13.92 | 14.98 |
| Alabama | 9.17 | 9.12 | 7.99 | 7.85 | 8.33 | 8.63 | 9.79 | 13.60 | 13.19 |
| Mississippi | 10.46 | 9.78 | 8.46 | 7.89 | 8.92 | 9.27 | 10.36 | 15.09 | 14.21 |
| Louisiana | 11.83 | 11.44 | 10.33 | 9.47 | 10.02 | 10.30 | 12.74 | 14.72 | 13.94 |
| Texas | 13.00 | 13.58 | 12.59 | 12.55 | 12.82 | 12.94 | 14.03 | 16.64 | 18.47 |
| Oklahoma | ..... | 14.85 | 13.76 | 13.38 | 14.05 | 14.52 | 15.80 | 18.51 | 20.87 |
| Arkansas | 11.50 | 11.56 | 10.18 | 9.92 | 10.14 | 10.54 | 12.49 | 15.48 | 16.31 |
| Montana | 23.50 | 32.09 | 29.62 | 27.54 | 30.55 | 32.12 | 32.00 | 37.39 | 38.05 |
| Wyoming | 23.00 | 30.48 | 26.10 | 25.33 | 27.68 | 29.64 | 31.21 | 34.83 | 34.53 |
| Colorado | 22.00 | 23.42 | 20.79 | 20.90 | 22.12 | 23.23 | 25.22 | 29.75 | 31.53 |
| New Mexico | 17.85 | 18.76 | 16.69 | 17.74 | 18.27 | 18.45 | 20.45 | 22.86 | 25.62 |
| Arizona | 22.00 | 26.12 | 22.47 | 23.18 | 26.76 | 28.23 | 28.99 | 30.32 | 35.28 |
| Utah | 22.30 | 24.65 | 21.16 | 21.00 | 24.41 | 25.72 | 29.45 | 33.74 | 40.77 |
| Nevada | 24.00 | 30.58 | 27.31 | 27.67 | 30.09 | 31.76 | 34.14 | 39.29 | 40.30 |
| Idaho | 23.50 | 27.28 | 22.40 | 21.38 | 26.60 | 28.13 | 29.79 | 36.05 | 39.38 |
| Washington | 25.00 | 24.11 | 19.16 | 17.64 | 22.97 | 25.06 | 28.35 | 32.82 | 35.43 |
| Oregon | 23.00 | 21.99 | 17.41 | 16.54 | 21.48 | 22.89 | 25.98 | 31.35 | 33.11 |
| California | 24.50 | 26.37 | 23.66 | 21.36 | 24.01 | 25.64 | 29.38 | 32.32 | 34.17 |
| Geographic division: | | | | | | | | | |
| North Atlantic | 16.39 | 17.10 | 16.09 | 16.33 | 16.01 | 16.60 | 18.47 | 21.72 | 23.26 |
| South Atlantic | 9.45 | 9.37 | 8.74 | 8.51 | 9.04 | 9.26 | 10.41 | 13.98 | 14.42 |
| North Central | 16.20 | 17.16 | 15.69 | 16.01 | 16.34 | 17.36 | 19.41 | 22.41 | 24.66 |
| South Central | 11.15 | 11.01 | 9.95 | 9.87 | 10.64 | 10.97 | 12.14 | 15.28 | 15.91 |
| Western | 23.26 | 24.48 | 21.35 | 20.84 | 23.68 | 25.19 | 28.20 | 32.15 | 34.44 |
| United States | 13.48 | 13.85 | 12.70 | 12.75 | 13.29 | 13.90 | 15.51 | 18.73 | 20.01 |

TABLE 16.—*Amount paid for farm labor and average per farm and per laborer, ascertained by the census, and comparison with computed farm-wage earnings for the stated number of months, at rates ascertained by the Bureau of Statistics, Department of Agriculture, 1899 and 1909, by States and geographic divisions.*

| State and geographic division. | Paid for farm labor, census. | | | | | | Average monthly wage rate of male laborers, with board, in hiring by the year and season, 1899, multiplied by the number of such laborers, 1900, for 7 months. |
|---|---|---|---|---|---|---|---|
| | Amount. | | Average per farm. | | | Average per farm laborer, 1899. | |
| | 1899 | 1909 | 1899, total farms. | 1909 | | | |
| | | | | Total farms. | Farms reporting. | | |
| Maine | $2,667,260 | $5,633,106 | $45 | $94 | $151 | $121 | $2,751,462 |
| New Hampshire | 2,304,520 | 3,374,126 | 79 | 125 | 194 | 181 | 1,635,628 |
| Vermont | 3,133,140 | 4,748,003 | 95 | 145 | 218 | 170 | 2,403,611 |
| Massachusetts | 7,487,280 | 12,101,959 | 199 | 328 | 452 | 238 | 4,014,040 |
| Rhode Island | 1,032,360 | 1,761,594 | 188 | 333 | 500 | 195 | 670,766 |
| Connecticut | 4,103,420 | 6,881,619 | 152 | 257 | 383 | 207 | 2,417,848 |
| New York | 27,102,130 | 41,312,014 | 120 | 192 | 285 | 183 | 18,026,854 |
| New Jersey | 6,720,030 | 11,097,727 | 194 | 331 | 473 | 202 | 3,481,351 |
| Pennsylvania | 16,647,730 | 25,611,838 | 74 | 117 | 184 | 135 | 12,237,600 |
| Delaware | 1,075,960 | 1,612,471 | 111 | 149 | 236 | 118 | 749,792 |
| Maryland | 5,715,520 | 8,802,172 | 124 | 180 | 275 | 114 | 3,951,400 |
| District of Columbia | 197,420 | 238,833 | 734 | 1,101 | 1,636 | 319 | [1] 49,556 |
| Virginia | 7,790,720 | 13,354,194 | 46 | 73 | 158 | 56 | 9,356,012 |
| West Virginia | 2,041,560 | 4,035,764 | 22 | 42 | 92 | 35 | 5,511,449 |
| North Carolina | 5,444,950 | 9,220,564 | 24 | 36 | 95 | 23 | 10,504,935 |
| South Carolina | 6,107,100 | 10,770,758 | 39 | 61 | 155 | 26 | 6,979,870 |
| Georgia | 7,244,520 | 13,218,113 | 32 | 45 | 116 | 26 | 11,076,438 |
| Florida | 1,468,290 | 5,354,376 | 36 | 107 | 253 | 39 | 2,185,201 |
| Ohio | 14,502,600 | 25,631,185 | 52 | 94 | 176 | 105 | 14,618,704 |
| Indiana | 9,685,540 | 17,682,079 | 44 | 82 | 170 | 82 | 12,721,576 |
| Illinois | 22,182,550 | 36,308,376 | 84 | 144 | 259 | 120 | 22,784,375 |
| Michigan | 10,717,220 | 19,063,082 | 53 | 92 | 170 | 110 | 11,458,980 |
| Wisconsin | 10,468,610 | 19,195,473 | 62 | 108 | 211 | 112 | 12,374,611 |
| Minnesota | 16,657,820 | 22,330,149 | 108 | 143 | 235 | 177 | 12,991,456 |
| Iowa | 16,375,670 | 24,781,592 | 72 | 114 | 228 | 123 | 17,890,900 |
| Missouri | 9,803,610 | 18,644,695 | 34 | 67 | 154 | 60 | 16,417,534 |
| North Dakota | 9,207,220 | 21,740,149 | 203 | 292 | 475 | 381 | 3,631,241 |
| South Dakota | 5,528,070 | 12,831,944 | 105 | 165 | 312 | 207 | 3,735,908 |
| Nebraska | 7,399,160 | 15,028,468 | 61 | 116 | 240 | 124 | 7,761,608 |
| Kansas | 10,792,910 | 20,567,237 | 62 | 116 | 223 | 121 | 10,811,826 |
| Kentucky | 6,613,330 | 12,243,851 | 28 | 47 | 134 | 40 | 13,814,358 |
| Tennessee | 4,730,370 | 8,448,059 | 21 | 34 | 95 | 26 | 11,822,323 |
| Alabama | 4,314,460 | 7,454,748 | 19 | 28 | 89 | 15 | 10,738,542 |
| Mississippi | 3,917,256 | 7,162,225 | 18 | 26 | 109 | 15 | 9,857,699 |
| Louisiana | 10,692,710 | 16,704,125 | 92 | 139 | 526 | 62 | 8,252,422 |
| Texas | 12,331,905 | 25,784,501 | 35 | 62 | 161 | 45 | 21,162,024 |
| Oklahoma | 3,675,520 | 9,837,541 | 34 | 52 | 135 | 54 | 6,567,672 |
| Arkansas | 3,171,090 | 7,654,571 | 18 | 36 | 108 | 20 | 9,028,090 |
| Montana | 5,077,340 | 10,930,477 | 380 | 417 | 876 | 565 | 2,011,419 |
| Wyoming | 2,615,230 | 6,174,164 | 429 | 562 | 1,133 | 788 | 684,891 |
| Colorado | 4,100,905 | 10,818,465 | 166 | 234 | 488 | 277 | 2,393,944 |
| New Mexico | 1,951,110 | 3,645,423 | 158 | 102 | 278 | 257 | 963,846 |
| Arizona | 1,152,670 | 2,504,984 | 198 | 271 | 759 | 340 | 603,699 |
| Utah | 1,837,900 | 3,169,917 | 95 | 146 | 269 | 211 | 1,552,665 |
| Nevada | 1,386,650 | 2,993,978 | 635 | 1,113 | 1,686 | 502 | 606,711 |
| Idaho | 2,250,450 | 6,701,604 | 129 | 218 | 426 | 288 | 1,527,628 |
| Washington | 5,280,190 | 15,370,931 | 159 | 274 | 513 | 303 | 2,955,476 |
| Oregon | 4,842,834 | 11,101,864 | 135 | 244 | 458 | 280 | 2,752,751 |
| California | 25,845,120 | 49,976,199 | 356 | 567 | 894 | 383 | 12,030,724 |
| Geographic division: | | | | | | | |
| North Atlantic | 71,197,870 | 112,521,986 | 105 | 171 | 260 | 172 | 47,639,160 |
| South Atlantic | 37,086,040 | 66,607,245 | 39 | 60 | 142 | 35 | 50,364,653 |
| North Central | 143,320,980 | 253,804,429 | 65 | 114 | 219 | 117 | 147,198,719 |
| South Central | 49,446,641 | 95,289,621 | 30 | 48 | 143 | 32 | 91,243,130 |
| Western | 56,340,399 | 123,388,006 | 232 | 331 | 630 | 353 | 28,083,754 |
| United States | 357,391,930 | 651,611,287 | 62 | 102 | 170 | 81 | 364,529,416 |

[1] Wage rate for Maryland used in computing amount for District of Columbia.

### DAY WAGES IN HARVEST.

Rates of day wages may be found in Tables 17 to 20. These rates were paid for day labor in harvest work and for labor other than harvest work, without and with board, and the following statement can be made for the four classes of wage rates per day for the 19 investigations:

For day labor in harvest work, with board, the rate per day in 1866 was $1.04, and the amount rose to $1.18 in 1874 or 1875. A decline followed, and it was not until 1881 or 1882 that the amount rose above the previous highest figure and reached $1.20 per day. Again there was a decline, which lasted until 1899, during which period the rate declined as low as 96 cents in 1895. The rate for 1902 was $1.23; for 1906, $1.45; and for 1909, $1.43.

The geographic divisions of States take their customary order in the rates of day wages for day labor in harvest work. The rate in 1909 in the Western States was $2.02; in the North Central, $1.87; in the North Atlantic, $1.62; in the South Central, $1.10; and in the South Atlantic, $1.03.

### DAY WAGES FOR OTHER THAN HARVEST WORK.

For day labor other than harvest work, with board, the rate in 1866 was 64 cents in the United States. It reached 68 cents in 1874 or 1875, and declined during the industrial depression of the seventies, so that the subsequent increase reached 70 cents in 1881 or 1882. From that year to 1898 the rate of day wages for labor other than harvest work, with board, remained about stationary, except for the depression of the nineties. In 1898 the rate was 71 cents; in 1899, 75 cents; in 1902, 83 cents; in 1906, $1.03; and in 1909, the same amount, $1.03.

There is still the same arrangement of geographic divisions as before, in 1909, in order of amount of rate of wages paid for labor other than harvest work, with board. Tables 17–20.

TABLE 17.—*Average wage rates of outdoor labor of men on farms, per day for day labor in harvest work, without board, by States and geographic divisions, 19 investigations from 1866 to 1909.*

[Currency years 1866, 1869, 1875, and 1877–8 in gold.]

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 |
|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $1.42 | $1.59 | $1.73 | $1.41 | $1.50 | $1.69 | $1.52 | $1.58 | $1.65 | $1.70 |
| New Hampshire | 1.39 | 1.74 | 1.79 | 1.24 | 1.38 | 1.43 | 1.71 | 1.65 | 1.67 | 1.72 |
| Vermont | 1.63 | 1.81 | 1.98 | 1.28 | 1.46 | 1.53 | 1.75 | 1.68 | 1.65 | 1.68 |
| Massachusetts | 1.70 | 1.74 | 1.65 | 1.49 | 1.60 | 1.62 | 1.75 | 1.70 | 1.80 | 1.80 |
| Rhode Island | 1.57 | 1.74 | 1.74 | ..... | 1.00 | 1.00 | 1.60 | 1.60 | 1.75 | 1.75 |
| Connecticut | 1.71 | 1.76 | 1.79 | 1.59 | 1.75 | 1.75 | 1.65 | 1.65 | 1.70 | 1.70 |
| New York | 1.70 | 1.86 | 1.95 | 1.52 | 1.60 | 1.74 | 1.89 | 2.00 | 1.80 | 1.80 |
| New Jersey | 1.89 | 1.93 | 2.22 | 1.54 | 1.77 | 1.82 | 2.09 | 2.04 | 1.88 | 1.85 |
| Pennsylvania | 1.63 | 1.64 | 1.74 | 1.32 | 1.47 | 1.47 | 1.73 | 1.65 | 1.51 | 1.55 |
| Delaware | 1.47 | 1.37 | 1.59 | 1.36 | 1.00 | ..... | 1.60 | 1.88 | 1.40 | 1.20 |
| Maryland | 1.41 | 1.59 | 1.57 | 1.42 | 1.40 | 1.37 | 1.52 | 1.74 | 1.46 | 1.32 |
| Virginia | 1.03 | 1.09 | 1.28 | 1.15 | 1.18 | 1.23 | 1.27 | 1.33 | 1.30 | 1.26 |
| West Virginia | 1.25 | 1.31 | 1.35 | 1.25 | 1.13 | 1.18 | 1.30 | 1.31 | 1.20 | 1.30 |
| North Carolina | 1.08 | 1.01 | 1.02 | .98 | 1.09 | 1.07 | 1.20 | 1.15 | .96 | 1.00 |
| South Carolina | .88 | .84 | 1.02 | .88 | 1.14 | .93 | 1.08 | .87 | .95 | .93 |
| Georgia | 1.04 | .91 | 1.12 | .97 | 1.03 | 1.08 | 1.10 | 1.04 | .99 | 1.02 |
| Florida | .79 | .92 | .87 | 1.01 | .98 | 1.00 | 1.12 | .96 | 1.04 | 1.04 |
| Ohio | 1.55 | 1.58 | 1.78 | 1.50 | 1.68 | 1.79 | 1.79 | 1.75 | 1.56 | 1.50 |
| Indiana | 1.57 | 1.59 | 1.91 | 1.67 | 1.77 | 1.94 | 1.89 | 1.85 | 1.64 | 1.55 |
| Illinois | 1.70 | 1.72 | 1.91 | 1.51 | 1.73 | 1.94 | 1.91 | 1.80 | 1.60 | 1.58 |
| Michigan | 1.84 | 2.03 | 2.17 | 2.01 | 2.07 | 2.24 | 2.13 | 1.90 | 1.80 | 1.79 |
| Wisconsin | 1.89 | 1.80 | 2.08 | 2.10 | 1.98 | 2.06 | 2.50 | 1.89 | 1.80 | 1.64 |
| Minnesota | 1.89 | 2.13 | 2.45 | 2.61 | 2.65 | 2.82 | 2.61 | 2.29 | 2.20 | 1.95 |
| Iowa | 1.68 | 2.09 | 2.23 | 1.65 | 2.01 | 2.10 | 2.25 | 2.00 | 1.81 | 1.71 |
| Missouri | 1.51 | 1.69 | 1.52 | 1.46 | 1.57 | 1.61 | 1.59 | 1.62 | 1.43 | 1.35 |
| North Dakota, South Dakota | 1.76 | ..... | 2.06 | ..... | 2.33 | 2.53 | 2.65 | 1.38 | 2.12 | 2.00 |
| Nebraska | 1.87 | 1.77 | 2.08 | 2.16 | 1.94 | 2.01 | 1.95 | 1.98 | 1.80 | 1.65 |
| Kansas | 1.63 | 1.53 | 1.61 | 1.69 | 1.66 | 1.63 | 1.70 | 1.87 | 1.60 | 1.44 |
| Kentucky | 1.48 | 1.34 | 1.55 | 1.48 | 1.48 | 1.42 | 1.54 | 1.51 | 1.35 | 1.47 |
| Tennessee | 1.42 | 1.54 | 1.41 | 1.27 | 1.40 | 1.33 | 1.30 | 1.28 | 1.20 | 1.15 |
| Alabama | .89 | .91 | 1.22 | .95 | 1.10 | 1.10 | 1.05 | .99 | .97 | 1.02 |
| Mississippi | 1.16 | 1.15 | 1.22 | .99 | 1.10 | 1.23 | 1.23 | 1.00 | .97 | 1.00 |
| Louisiana | 1.17 | 1.13 | 1.13 | 1.02 | 1.03 | 1.19 | 1.10 | .95 | .92 | 1.03 |
| Texas | 1.16 | 1.16 | 1.32 | 1.29 | 1.25 | 1.32 | 1.39 | 1.32 | 1.23 | 1.20 |
| Arkansas | 1.46 | 1.23 | 1.30 | 1.37 | 1.32 | 1.47 | 1.34 | 1.30 | 1.30 | 1.25 |
| Montana | ..... | ..... | ..... | ..... | ..... | 2.67 | ..... | ..... | 2.20 | 2.00 |
| Wyoming | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.00 | 1.75 |
| Colorado | 4.17 | ..... | 2.33 | ..... | ..... | 2.10 | 2.21 | 2.05 | 1.87 | 1.65 |
| New Mexico | 1.50 | ..... | 1.35 | 1.00 | 1.25 | 1.38 | 1.65 | 1.31 | 1.31 | 1.25 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.70 | 1.75 |
| Utah | 3.42 | ..... | 2.20 | 1.82 | 1.98 | 1.95 | 2.00 | 1.75 | 1.72 | 1.70 |
| Nevada | 3.50 | ..... | ..... | ..... | ..... | 2.00 | ..... | ..... | 1.80 | 2.00 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.00 | 2.00 |
| Washington | 3.00 | ..... | 2.40 | ..... | ..... | 2.25 | ..... | 2.05 | 2.10 | 2.10 |
| Oregon | 2.40 | ..... | 2.11 | 2.02 | 2.15 | 1.97 | 1.92 | 1.95 | 1.94 | 1.90 |
| California | 2.56 | 2.82 | 2.50 | 2.27 | 2.21 | 2.21 | 2.30 | 2.20 | 2.25 | 2.10 |
| Geographic division: | | | | | | | | | | |
| North Atlantic | 1.66 | 1.78 | 1.87 | 1.44 | 1.56 | 1.63 | 1.80 | 1.81 | 1.70 | 1.71 |
| South Atlantic | 1.04 | 1.01 | 1.14 | 1.04 | 1.12 | 1.10 | 1.20 | 1.16 | 1.08 | 1.08 |
| North Central | 1.65 | 1.73 | 1.91 | 1.69 | 1.82 | 1.95 | 1.97 | 1.84 | 1.69 | 1.60 |
| South Central | 1.20 | 1.19 | 1.30 | 1.19 | 1.25 | 1.29 | 1.28 | 1.19 | 1.12 | 1.25 |
| Western | 2.51 | 2.82 | 2.33 | 1.88 | 1.96 | 1.94 | 2.03 | 2.12 | 2.02 | 1.91 |
| United States | 1.34 | 1.35 | 1.49 | 1.35 | 1.44 | 1.49 | 1.54 | 1.49 | 1.40 | 1.38 |

TABLE 17.—*Average wage rates of outdoor labor of men on farms, per day for day labor in harvest work, without board, by States and geographic divisions, 19 investigations from 1866 to 1909*—Continued.

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $1.72 | $1.46 | $1.40 | $1.45 | $1.69 | $1.75 | $1.86 | $2.17 | $2.02 |
| New Hampshire | 1.68 | 1.64 | 1.55 | 1.60 | 1.79 | 1.81 | 1.86 | 2.16 | 2.12 |
| Vermont | 1.70 | 1.90 | 1.69 | 1.61 | 1.68 | 1.74 | 2.01 | 2.24 | 2.14 |
| Massachusetts | 1.75 | 1.71 | 1.59 | 1.65 | 1.77 | 1.82 | 1.87 | 2.03 | 2.03 |
| Rhode Island | 1.72 | 1.49 | 1.40 | 1.45 | 1.74 | 1.78 | 1.80 | 1.95 | 1.94 |
| Connecticut | 1.75 | 1.75 | 1.62 | 1.72 | 1.75 | 1.81 | 1.92 | 2.01 | 1.85 |
| New York | 1.80 | 1.74 | 1.64 | 1.59 | 1.60 | 1.65 | 1.86 | 2.19 | 2.07 |
| New Jersey | 1.82 | 1.98 | 1.90 | 1.82 | 1.77 | 1.79 | 1.84 | 2.06 | 2.08 |
| Pennsylvania | 1.57 | 1.49 | 1.38 | 1.42 | 1.44 | 1.51 | 1.68 | 1.90 | 1.82 |
| Delaware | 1.15 | 1.38 | 1.23 | 1.27 | 1.27 | 1.30 | 1.47 | 1.56 | 1.61 |
| Maryland | 1.34 | 1.42 | 1.35 | 1.33 | 1.26 | 1.28 | 1.38 | 1.62 | 1.54 |
| Virginia | 1.28 | 1.18 | 1.12 | 1.10 | 1.12 | 1.15 | 1.23 | 1.44 | 1.37 |
| West Virginia | 1.25 | 1.20 | 1.12 | 1.15 | 1.22 | 1.27 | 1.37 | 1.59 | 1.53 |
| North Carolina | 1.04 | .95 | .90 | .93 | .93 | .94 | 1.03 | 1.24 | 1.20 |
| South Carolina | .94 | .81 | .76 | .71 | .78 | .78 | .89 | 1.12 | 1.06 |
| Georgia | .96 | .90 | .84 | .81 | .88 | .88 | .95 | 1.22 | 1.12 |
| Florida | 1.06 | .98 | .96 | .91 | .95 | .96 | 1.12 | 1.44 | 1.46 |
| Ohio | 1.55 | 1.44 | 1.32 | 1.33 | 1.41 | 1.48 | 1.73 | 1.94 | 2.02 |
| Indiana | 1.58 | 1.53 | 1.38 | 1.39 | 1.40 | 1.48 | 1.69 | 2.02 | 1.97 |
| Illinois | 1.62 | 1.60 | 1.47 | 1.47 | 1.53 | 1.62 | 1.76 | 2.10 | 2.11 |
| Michigan | 1.80 | 1.62 | 1.42 | 1.36 | 1.51 | 1.64 | 1.94 | 2.13 | 2.13 |
| Wisconsin | 1.75 | 1.56 | 1.39 | 1.40 | 1.53 | 1.73 | 1.96 | 2.21 | 2.19 |
| Minnesota | 2.15 | 1.87 | 1.53 | 1.72 | 1.90 | 2.20 | 2.43 | 2.65 | 2.59 |
| Iowa | 1.75 | 1.64 | 1.46 | 1.47 | 1.59 | 1.75 | 2.08 | 2.30 | 2.43 |
| Missouri | 1.40 | 1.33 | 1.23 | 1.27 | 1.29 | 1.33 | 1.51 | 1.77 | 1.81 |
| North Dakota | 2.25 | 2.11 | 1.75 | 1.98 | 2.17 | 2.49 | 2.67 | 3.03 | 3.17 |
| South Dakota | 2.10 | 1.92 | 1.45 | 1.69 | 2.02 | 2.30 | 2.59 | 2.82 | 2.82 |
| Nebraska | 1.60 | 1.46 | 1.26 | 1.24 | 1.61 | 1.73 | 2.07 | 2.51 | 2.59 |
| Kansas | 1.62 | 1.44 | 1.30 | 1.28 | 1.59 | 1.67 | 1.90 | 2.30 | 2.43 |
| Kentucky | 1.50 | 1.34 | 1.23 | 1.28 | 1.27 | 1.30 | 1.35 | 1.62 | 1.56 |
| Tennessee | 1.18 | 1.08 | 1.00 | 1.07 | 1.09 | 1.12 | 1.19 | 1.40 | 1.34 |
| Alabama | .98 | .86 | .75 | .80 | .87 | .90 | .96 | 1.25 | 1.12 |
| Mississippi | 1.00 | .75 | .65 | .67 | .85 | .87 | .95 | 1.30 | 1.13 |
| Louisiana | 1.05 | .95 | .85 | .80 | .98 | .99 | 1.23 | 1.28 | 1.16 |
| Texas | 1.10 | 1.11 | 1.03 | 1.04 | 1.14 | 1.16 | 1.29 | 1.60 | 1.44 |
| Oklahoma | ..... | 1.18 | 1.12 | 1.08 | 1.34 | 1.39 | 1.59 | 1.87 | 1.81 |
| Arkansas | 1.05 | 1.04 | .92 | .94 | 1.13 | 1.15 | 1.31 | 1.41 | 1.37 |
| Montana | 2.10 | 2.04 | 1.93 | 1.83 | 2.17 | 2.29 | 2.26 | 2.77 | 2.58 |
| Wyoming | 2.00 | 1.93 | 1.83 | 1.68 | 1.83 | 2.02 | 2.56 | 2.61 | 2.33 |
| Colorado | 1.80 | 1.69 | 1.55 | 1.54 | 1.68 | 1.77 | 1.94 | 2.32 | 2.26 |
| New Mexico | 1.35 | 1.33 | 1.21 | 1.17 | 1.30 | 1.29 | 1.51 | 1.50 | 1.62 |
| Arizona | 1.75 | 1.91 | 1.74 | 1.52 | 1.87 | 1.96 | 1.91 | 2.03 | 2.13 |
| Utah | 1.80 | 1.48 | 1.32 | 1.34 | 1.57 | 1.64 | 1.92 | 2.20 | 2.38 |
| Nevada | 2.05 | 2.11 | 1.96 | 1.83 | 2.02 | 2.17 | 2.22 | 2.98 | 2.40 |
| Idaho | 2.00 | 1.75 | 1.53 | 1.56 | 1.86 | 2.00 | 2.22 | 2.64 | 2.72 |
| Washington | 2.20 | 1.87 | 1.55 | 1.46 | 1.93 | 2.13 | 2.44 | 2.76 | 2.58 |
| Oregon | 2.00 | 1.79 | 1.51 | 1.37 | 1.67 | 1.82 | 2.08 | 2.42 | 2.29 |
| California | 2.25 | 2.08 | 1.92 | 1.75 | 1.85 | 1.96 | 2.15 | 2.15 | 2.31 |
| Geographic division: | | | | | | | | | |
| North Atlantic | 1.72 | 1.68 | 1.57 | 1.56 | 1.60 | 1.66 | 1.82 | 2.07 | 1.98 |
| South Atlantic | 1.08 | 1.00 | .95 | .94 | .97 | .99 | 1.08 | 1.31 | 1.25 |
| North Central | 1.67 | 1.55 | 1.38 | 1.41 | 1.53 | 1.66 | 1.89 | 2.17 | 2.21 |
| South Central | 1.12 | 1.01 | .91 | .95 | 1.07 | 1.09 | 1.21 | 1.45 | 1.34 |
| Western | 2.04 | 1.86 | 1.67 | 1.60 | 1.80 | 1.91 | 2.12 | 2.30 | 2.51 |
| United States | 1.39 | 1.30 | 1.18 | 1.19 | 1.29 | 1.35 | 1.51 | 1.76 | 1.71 |

TABLE 18.—*Average wage rates of outdoor labor of men on farms, per day for day labor in harvest work, with board, by States and geographic divisions, 19 investigations from 1866 to 1909.*

[Currency years 1866, 1869, 1875 and 1877–1878 in gold.]

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 |
|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $1.10 | $1.21 | $1.29 | $1.08 | $1.12 | $1.20 | $1.22 | $1.19 | $1.30 | $1.35 |
| New Hampshire | 1.07 | 1.43 | 1.42 | .95 | 1.06 | 1.07 | 1.35 | 1.32 | 1.37 | 1.38 |
| Vermont | 1.30 | 1.47 | 1.61 | .96 | 1.10 | 1.14 | 1.35 | 1.30 | 1.35 | 1.37 |
| Massachusetts | 1.35 | 1.43 | 1.30 | .99 | 1.22 | 1.25 | 1.35 | 1.31 | 1.38 | 1.38 |
| Rhode Island | 1.20 | 1.28 | 1.30 | .94 | .75 | .75 | 1.30 | 1.25 | 1.35 | 1.35 |
| Connecticut | 1.34 | 1.39 | 1.33 | 1.24 | 1.34 | 1.37 | 1.33 | 1.33 | 1.40 | 1.38 |
| New York | 1.35 | 1.46 | 1.52 | 1.17 | 1.20 | 1.33 | 1.47 | 1.54 | 1.37 | 1.38 |
| New Jersey | 1.68 | 1.53 | 1.76 | 1.29 | 1.43 | 1.40 | 1.74 | 1.65 | 1.50 | 1.46 |
| Pennsylvania | 1.27 | 1.27 | 1.31 | .98 | 1.11 | 1.18 | 1.30 | 1.20 | 1.13 | 1.18 |
| Delaware | 1.14 | 1.10 | 1.22 | .99 | .75 | ..... | 1.25 | 1.52 | 1.10 | .95 |
| Maryland | 1.18 | 1.23 | 1.16 | 1.11 | 1.06 | 1.09 | 1.15 | 1.38 | 1.15 | 1.00 |
| Virginia | .85 | .83 | 1.05 | .95 | .93 | .98 | .99 | 1.06 | 1.10 | 1.00 |
| West Virginia | .92 | .95 | 1.04 | .94 | .80 | .87 | 1.00 | 1.03 | .92 | 1.00 |
| North Carolina | 82 | .76 | .87 | .76 | .84 | .84 | .85 | .82 | .75 | .80 |
| South Carolina | .65 | .66 | .88 | .68 | .88 | .78 | .78 | .64 | .72 | .78 |
| Georgia | .75 | .66 | .86 | .61 | .82 | .86 | .80 | .80 | .77 | .81 |
| Florida | .58 | .64 | .62 | 73 | .73 | .76 | .80 | .70 | .78 | .80 |
| Ohio | 1.22 | 1.26 | 1.39 | 1.16 | 1.30 | 1.30 | 1.41 | 1.40 | 1.23 | 1.20 |
| Indiana | 1.24 | 1.30 | 1.52 | 1.27 | 1.39 | 1.57 | 1.58 | 1.55 | 1.32 | 1.25 |
| Illinois | 1.34 | 1.42 | 1.59 | 1.17 | 1.37 | 1.59 | 1.54 | 1.40 | 1.25 | 1.27 |
| Michigan | 1.51 | 1.65 | 1.74 | 1.54 | 1.63 | 1.75 | 1.76 | 1.57 | 1.40 | 1.39 |
| Wisconsin | 1.51 | 1.44 | 1.67 | 1.69 | 1.57 | 1.67 | 2.10 | 1.57 | 1.44 | 1.30 |
| Minnesota | 1.60 | 1.73 | 2.00 | 2.24 | 2.44 | 2.29 | 2.16 | 1.89 | 1.75 | 1.51 |
| Iowa | 1.32 | 1.64 | 1.82 | 1.56 | 1.57 | 1.69 | 1.81 | 1.61 | 1.46 | 1.50 |
| Missouri | 1.21 | 1.35 | 1.24 | 1.16 | 1.22 | 1.26 | 1.23 | 1.30 | 1.13 | 1.10 |
| North Dakota, South Dakota | 1.41 | ..... | 1.65 | ..... | 1.97 | 2.15 | 2.19 | 1.00 | 1.64 | 1.52 |
| Nebraska | 1.51 | 1.47 | 1.72 | 1.65 | 1.56 | 1.51 | 1.57 | 1.55 | 1.42 | 1.27 |
| Kansas | 1.28 | 1.20 | 1.27 | 1.31 | 1.27 | 1.22 | 1.35 | 1.48 | 1.25 | 1.13 |
| Kentucky | 1.20 | 1.01 | 1.27 | 1.14 | 1.14 | 1.11 | 1.18 | 1.17 | 1.07 | 1.15 |
| Tennessee | 1.08 | 1.17 | 1.04 | .97 | 1.08 | 1.08 | 1.00 | 1.04 | .93 | .91 |
| Alabama | .73 | .70 | 1.00 | .77 | .86 | .82 | .80 | .76 | .72 | .75 |
| Mississippi | .80 | .93 | .87 | .84 | .84 | .87 | .95 | .79 | .73 | .75 |
| Louisiana | .84 | .83 | .91 | .77 | .74 | .88 | .85 | .75 | .72 | .81 |
| Texas | .93 | .92 | 1.04 | .93 | .95 | .97 | 1.08 | 1.04 | .96 | .93 |
| Arkansas | 1.07 | 1.03 | 1.08 | 1.07 | 1.04 | 1.12 | 1.02 | 1.03 | .97 | .93 |
| Montana | ..... | ..... | ..... | ..... | ..... | 2.25 | ..... | ..... | 1.50 | 1.50 |
| Wyoming | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.30 | 1.30 |
| Colorado | 2.87 | ..... | 1.50 | 1.55 | ..... | 1.54 | 1.80 | 1.50 | 1.35 | 1.21 |
| New Mexico | 1.12 | ..... | .90 | .67 | .91 | 1.00 | 1.40 | .88 | 1.00 | .95 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.20 | 1.25 |
| Utah | 2.49 | ..... | 1.75 | 1.43 | 1.55 | 1.48 | 1.56 | 1.36 | 1.30 | 1.27 |
| Nevada | 3.00 | ..... | ..... | ..... | ..... | 1.67 | ..... | ..... | 1.37 | 1.70 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.52 | 1.50 |
| Washington | 2.25 | ..... | 2.00 | 1.61 | ..... | 1.57 | ..... | 1.50 | 1.60 | 1.67 |
| Oregon | 1.80 | ..... | 1.72 | 1.54 | 1.61 | 1.47 | 1.50 | 1.50 | 1.45 | 1.45 |
| California | 2.06 | 2.04 | 2.00 | 1.76 | 1.71 | 1.77 | 1.86 | 1.80 | 1.85 | 1.75 |
| Geographic division: | | | | | | | | | | |
| North Atlantic | 1.32 | 1.40 | 1.45 | 1.09 | 1.18 | 1.26 | 1.40 | 1.39 | 1.31 | 1.33 |
| South Atlantic | .79 | .76 | .92 | .78 | .87 | .88 | .88 | .88 | .85 | .86 |
| North Central | 1.31 | 1.54 | 1.54 | 1.34 | 1.44 | 1.54 | 1.59 | 1.48 | 1.34 | 1.28 |
| South Central | .92 | .92 | 1.02 | .93 | .96 | .97 | .99 | .94 | .86 | .88 |
| Western | 1.93 | 2.04 | 1.87 | 1.43 | 1.50 | 1.50 | 1.64 | 1.67 | 1.60 | 1.53 |
| United States | 1.04 | 1.06 | 1.18 | 1.04 | 1.12 | 1.16 | 1.20 | 1.17 | 1.09 | 1.08 |

TABLE 18.—*Average wage rates of outdoor labor of men on farms, per day for day labor in harvest work, with board, by States and geographic divisions, 19 investigations from 1866 to 1909*—Continued.

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $1.32 | $1.20 | $1.12 | $1.14 | $1.35 | $1.42 | $1.54 | $1.79 | $1.63 |
| New Hampshire | 1.29 | 1.29 | 1.16 | 1.21 | 1.39 | 1.42 | 1.44 | 1.77 | 1.71 |
| Vermont | 1.33 | 1.60 | 1.39 | 1.26 | 1.36 | 1.41 | 1.60 | 1.84 | 1.73 |
| Massachusetts | 1.30 | 1.31 | 1.19 | 1.25 | 1.39 | 1.41 | 1.46 | 1.61 | 1.60 |
| Rhode Island | 1.28 | 1.07 | .99 | 1.08 | 1.37 | 1.42 | 1.44 | 1.61 | 1.50 |
| Connecticut | 1.38 | 1.35 | 1.22 | 1.31 | 1.38 | 1.45 | 1.44 | 1.58 | 1.44 |
| New York | 1.40 | 1.45 | 1.36 | 1.29 | 1.31 | 1.35 | 1.53 | 1.81 | 1.77 |
| New Jersey | 1.42 | 1.58 | 1.52 | 1.55 | 1.45 | 1.47 | 1.51 | 1.69 | 1.71 |
| Pennsylvania | 1.20 | 1.19 | 1.08 | 1.14 | 1.13 | 1.20 | 1.31 | 1.52 | 1.42 |
| Delaware | .85 | 1.12 | 1.02 | 1.01 | 1.04 | 1.08 | 1.25 | 1.32 | 1.38 |
| Maryland | 1.04 | 1.15 | 1.08 | 1.06 | 1.03 | 1.04 | 1.14 | 1.32 | 1.31 |
| Virginia | 1.02 | .95 | .90 | .91 | .91 | .94 | 1.00 | 1.18 | 1.12 |
| West Virginia | 1.00 | .98 | .91 | .89 | .94 | .99 | 1.09 | 1.28 | 1.21 |
| North Carolina | .82 | .80 | .75 | .74 | .78 | .79 | .85 | 1.04 | 1.01 |
| South Carolina | .75 | .69 | .65 | .58 | .68 | .69 | .78 | .94 | .94 |
| Georgia | .76 | .76 | .71 | .66 | .73 | .73 | .80 | 1.00 | .90 |
| Florida | .85 | .75 | .74 | .70 | .73 | .73 | .86 | 1.10 | 1.06 |
| Ohio | 1.24 | 1.21 | 1.10 | 1.09 | 1.14 | 1.23 | 1.43 | 1.60 | 1.67 |
| Indiana | 1.28 | 1.29 | 1.16 | 1.14 | 1.14 | 1.23 | 1.38 | 1.64 | 1.66 |
| Illinois | 1.30 | 1.33 | 1.22 | 1.20 | 1.26 | 1.35 | 1.50 | 1.77 | 1.84 |
| Michigan | 1.40 | 1.33 | 1.16 | 1.09 | 1.22 | 1.35 | 1.59 | 1.74 | 1.75 |
| Wisconsin | 1.38 | 1.27 | 1.12 | 1.11 | 1.22 | 1.40 | 1.61 | 1.78 | 1.79 |
| Minnesota | 1.70 | 1.56 | 1.24 | 1.46 | 1.55 | 1.84 | 2.04 | 2.22 | 2.23 |
| Iowa | 1.40 | 1.33 | 1.16 | 1.19 | 1.28 | 1.47 | 1.75 | 1.93 | 2.08 |
| Missouri | 1.05 | 1.10 | 1.01 | 1.02 | 1.04 | 1.08 | 1.24 | 1.48 | 1.50 |
| North Dakota | 1.70 | 1.73 | 1.40 | 1.60 | 1.68 | 1.99 | 2.18 | 2.48 | 2.58 |
| South Dakota | 1.60 | 1.57 | 1.13 | 1.37 | 1.61 | 1.87 | 2.08 | 2.32 | 2.38 |
| Nebraska | 1.27 | 1.13 | .99 | .99 | 1.27 | 1.38 | 1.67 | 2.03 | 2.22 |
| Kansas | 1.28 | 1.15 | 1.02 | 1.03 | 1.33 | 1.39 | 1.57 | 1.97 | 2.17 |
| Kentucky | 1.10 | 1.11 | 1.02 | 1.02 | 1.04 | 1.07 | 1.11 | 1.34 | 1.31 |
| Tennessee | .93 | .93 | .86 | .87 | .90 | .94 | .97 | 1.16 | 1.11 |
| Alabama | .76 | .71 | .64 | .62 | .72 | .74 | .78 | 1.01 | .89 |
| Mississippi | .70 | .62 | .53 | .54 | .64 | .67 | .75 | 1.04 | .89 |
| Louisiana | .82 | .79 | .70 | .63 | .79 | .81 | .98 | 1.10 | .92 |
| Texas | .90 | .93 | .86 | .83 | .92 | .93 | 1.04 | 1.28 | 1.20 |
| Oklahoma | ..... | .94 | .89 | .87 | 1.06 | 1.11 | 1.27 | 1.51 | 1.61 |
| Arkansas | .84 | .84 | .75 | .78 | .89 | .91 | 1.05 | 1.12 | 1.11 |
| Montana | 1.65 | 1.61 | 1.45 | 1.36 | 1.60 | 1.72 | 1.79 | 2.11 | 2.23 |
| Wyoming | 1.55 | 1.57 | 1.45 | 1.36 | 1.39 | 1.53 | 1.73 | 1.94 | 1.99 |
| Colorado | 1.37 | 1.23 | 1.10 | 1.14 | 1.24 | 1.34 | 1.47 | 1.78 | 1.80 |
| New Mexico | 1.05 | 1.01 | .91 | .93 | 1.02 | 1.05 | 1.10 | 1.16 | 1.28 |
| Arizona | 1.25 | 1.54 | 1.30 | 1.24 | 1.57 | 1.56 | 1.59 | 1.72 | 1.73 |
| Utah | 1.43 | 1.22 | 1.07 | 1.05 | 1.29 | 1.36 | 1.52 | 1.82 | 2.00 |
| Nevada | 1.63 | 1.56 | 1.38 | 1.36 | 1.53 | 1.62 | 1.68 | 2.01 | 2.04 |
| Idaho | 1.55 | 1.55 | 1.29 | 1.26 | 1.50 | 1.62 | 1.80 | 2.17 | 2.17 |
| Washington | 1.67 | 1.50 | 1.20 | 1.15 | 1.59 | 1.76 | 2.01 | 2.39 | 2.34 |
| Oregon | 1.55 | 1.42 | 1.18 | 1.10 | 1.34 | 1.47 | 1.69 | 2.00 | 2.06 |
| California | 1.70 | 1.69 | 1.50 | 1.36 | 1.50 | 1.63 | 1.84 | 1.95 | 2.01 |
| Geographic division: | | | | | | | | | |
| North Atlantic | 1.33 | 1.36 | 1.26 | 1.25 | 1.28 | 1.33 | 1.45 | 1.69 | 1.62 |
| South Atlantic | .85 | .83 | .78 | .76 | .80 | .82 | .89 | 1.08 | 1.03 |
| North Central | 1.32 | 1.28 | 1.13 | 1.15 | 1.24 | .137 | 1.57 | 1.80 | 1 87 |
| South Central | .86 | .84 | .76 | .76 | .86 | .89 | .97 | 1.18 | 1.10 |
| Western | 1.56 | 1.48 | 1.30 | 1.24 | 1.44 | 1.56 | 1.75 | 1.97 | 2.02 |
| United States | 1.09 | 1.07 | .97 | .96 | 1.04 | 1.10 | 1.23 | 1.45 | 1.43 |

TABLE 19.—*Average wage rates of outdoor labor of men on farms, per day for day labor other than harvest work, without board, by States and geographic divisions, 19 investigations from 1866 to 1909.*

[In some investigations, designated as "ordinary" and "transient." Currency years 1866, 1869, 1875, and 1877–78 in gold.]

| State and geographic division. | 1866 | 1869 | 1874, or 1875 | 1877, or 1878, 1878, or 1879 (combined). | 1879, or 1880 | 1880, or 1881 | 1881, or 1882 | 1884, or 1885 | 1887, or 1888 | 1889, or 1890 |
|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $1.05 | $1.09 | $1.27 | $0.96 | $1.09 | $1.15 | $1.18 | $1.19 | $1.25 | $1.30 |
| New Hampshire | 1.18 | 1.31 | 1.30 | .97 | 1.26 | 1.18 | 1.30 | 1.30 | 1.27 | 1.35 |
| Vermont | 1.24 | 1.29 | 1.31 | .90 | 1.00 | 1.04 | 1.20 | 1.15 | 1.16 | 1.19 |
| Massachusetts | 1.29 | 1.41 | 1.25 | 1.04 | 1.45 | 1.33 | 1.45 | 1.50 | 1.42 | 1.45 |
| Rhode Island | 1.29 | 1.27 | 1.41 | ..... | ..... | 1.00 | 1.28 | 1.25 | 1.42 | 1.45 |
| Connecticut | 1.23 | 1.37 | 1.30 | 1.49 | 1.06 | 1.00 | 1.30 | 1.32 | 1.33 | 1.37 |
| New York | 1.23 | 1.20 | 1.28 | .91 | 1.08 | 1.08 | 1.29 | 1.26 | 1.21 | 1.23 |
| New Jersey | 1.18 | 1.20 | 1.26 | .98 | 1.07 | 1.05 | 1.21 | 1.17 | 1.20 | 1.25 |
| Pennsylvania | 1.12 | 1.05 | 1.19 | .95 | .99 | 1.05 | 1.20 | 1.10 | 1.10 | 1.09 |
| Delaware | .92 | .95 | .90 | .75 | .50 | ..... | 1.10 | 1.00 | .95 | .85 |
| Maryland | .92 | .88 | .92 | .75 | .80 | .78 | .83 | .93 | .90 | .87 |
| Virginia | .58 | .59 | .68 | .63 | .64 | .64 | .70 | .71 | .73 | .75 |
| West Virginia | .92 | .84 | .91 | .80 | .83 | .76 | .82 | .83 | .85 | .90 |
| North Carolina | .51 | .54 | .62 | .58 | .61 | .63 | .68 | .67 | .61 | .62 |
| South Carolina | .49 | .51 | .61 | .53 | .55 | .56 | .65 | .60 | .65 | .63 |
| Georgia | .70 | .61 | .72 | .58 | .61 | .66 | .70 | .66 | .75 | .73 |
| Florida | .70 | .70 | .81 | .76 | .83 | .80 | .75 | .85 | .95 | .92 |
| Ohio | 1.08 | 1.06 | 1.17 | .99 | 1.04 | 1.13 | 1.19 | 1.11 | 1.07 | 1.05 |
| Indiana | 1.02 | 1.00 | 1.13 | .89 | .97 | 1.00 | 1.08 | 1.08 | 1.10 | 1.05 |
| Illinois | 1.14 | 1.10 | 1.19 | 1.00 | 1.10 | 1.17 | 1.19 | 1.14 | 1.12 | 1.13 |
| Michigan | 1.25 | 1.22 | 1.35 | 1.15 | 1.20 | 1.21 | 1.30 | 1.28 | 1.20 | 1.19 |
| Wisconsin | 1.25 | 1.15 | 1.23 | 1.11 | 1.13 | 1.19 | 1.33 | 1.20 | 1.22 | 1.26 |
| Minnesota | 1.23 | 1.20 | 1.30 | 1.26 | 1.29 | 1.35 | 1.37 | 1.25 | 1.30 | 1.28 |
| Iowa | 1.14 | 1.12 | 1.20 | 1.11 | 1.16 | 1.18 | 1.34 | 1.31 | 1.27 | 1.23 |
| Missouri | 1.01 | 1.06 | .93 | .67 | .92 | .93 | 1.00 | .95 | .94 | .91 |
| North Dakota, South Dakota | 1.41 | ..... | 1.41 | 1.33 | 1.41 | 1.42 | 1.50 | 1.31 | 1.35 | 1.40 |
| Nebraska | 1.36 | 1.19 | 1.24 | 1.28 | 1.09 | 1.21 | 1.21 | 1.35 | 1.37 | 1.28 |
| Kansas | 1.16 | 1.15 | 1.13 | 1.04 | 1.08 | 1.06 | 1.12 | 1.20 | 1.17 | 1.10 |
| Kentucky | .85 | .81 | .89 | .77 | .77 | .78 | .87 | .84 | .82 | .88 |
| Tennessee | .81 | .77 | .82 | .69 | .75 | .73 | .72 | .71 | .74 | .71 |
| Alabama | .55 | .63 | .65 | .69 | .72 | .76 | .72 | .73 | .72 | .74 |
| Mississippi | .94 | .81 | .93 | .78 | .76 | .81 | .75 | .80 | .75 | .79 |
| Louisiana | .76 | 1.06 | .87 | .84 | .89 | .89 | .80 | .82 | .85 | .88 |
| Texas | .92 | .85 | .99 | .91 | .92 | .95 | .93 | .98 | .95 | .97 |
| Arkansas | .94 | 1.00 | .95 | .85 | .85 | 1.02 | .88 | .89 | .93 | .93 |
| Montana | ..... | ..... | ..... | ..... | ..... | 1.83 | ..... | ..... | 1.70 | 1.65 |
| Wyoming | ..... | ..... | 3.08 | ..... | ..... | ..... | ..... | ..... | 1.50 | 1.45 |
| Colorado | 3.29 | ..... | 1.75 | ..... | ..... | 1.75 | 1.63 | 1.55 | 1.60 | 1.43 |
| New Mexico | 1.00 | ..... | .85 | .81 | 1.05 | 1.20 | 1.28 | 1.25 | 1.35 | 1.35 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.25 | 1.58 |
| Utah | 2.27 | ..... | 1.80 | 1.46 | 1.48 | 1.41 | 1.57 | 1.52 | 1.42 | 1.38 |
| Nevada | 3.00 | ..... | ..... | ..... | ..... | 1.50 | ..... | ..... | 1.65 | 1.63 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.50 | 1.63 |
| Washington | 2.25 | ..... | ..... | ..... | ..... | 1.56 | ..... | 1.70 | 1.45 | 1.60 |
| Oregon | 1.75 | ..... | 1.47 | 1.44 | 1.50 | 1.56 | 1.33 | 1.30 | 1.35 | 1.38 |
| California | 2.26 | 2.13 | 1.84 | 1.65 | 1.95 | 1.76 | 1.71 | 1.57 | 1.60 | 1.55 |
| Geographical division: | | | | | | | | | | |
| North Atlantic | 1.20 | 1.20 | 1.26 | .97 | 1.07 | 1.08 | 1.26 | 1.21 | 1.20 | 1.22 |
| South Atlantic | .63 | .60 | .70 | .61 | .64 | .65 | .71 | .70 | .72 | .72 |
| North Central | 1.12 | 1.09 | 1.17 | .99 | 1.07 | 1.12 | 1.19 | 1.16 | 1.15 | 1.13 |
| South Central | .79 | .80 | .85 | .78 | .80 | .84 | .81 | .82 | .82 | .84 |
| Western | 1.95 | 2.13 | 1.74 | 1.40 | 1.59 | 1.54 | 1.52 | 1.55 | 1.52 | 1.49 |
| United States | .90 | .87 | .94 | .84 | .89 | .92 | .97 | .96 | .98 | .97 |

TABLE 19.—*Average wage rates of outdoor labor of men on farms, per day for day labor other than harvest work, without board, by States and geographic divisions, 19 investigations from 1866 to 1909*—Continued.

| State and geographic division. | 1891, or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $1.28 | $1.25 | $1.20 | $1.23 | $1.31 | $1.37 | $1.40 | $1.64 | $1.59 |
| New Hampshire | 1.28 | 1.31 | 1.25 | 1.25 | 1.37 | 1.41 | 1.52 | 1.64 | 1.70 |
| Vermont | 1.23 | 1.26 | 1.11 | 1.25 | 1.27 | 1.30 | 1.45 | 1.55 | 1.54 |
| Massachusetts | 1.42 | 1.41 | 1.33 | 1.37 | 1.46 | 1.49 | 1.58 | 1.65 | 1.69 |
| Rhode Island | 1.42 | 1.28 | 1.24 | 1.27 | 1.38 | 1.38 | 1.45 | 1.59 | 1.60 |
| Connecticut | 1.38 | 1.34 | 1.31 | 1.33 | 1.40 | 1.46 | 1.45 | 1.63 | 1.54 |
| New York | 1.22 | 1.27 | 1.20 | 1.19 | 1.23 | 1.26 | 1.38 | 1.60 | 1.59 |
| New Jersey | 1.24 | 1.30 | 1.25 | 1.26 | 1.24 | 1.26 | 1.34 | 1.46 | 1.47 |
| Pennsylvania | 1.10 | 1.09 | 1.00 | 1.04 | 1.09 | 1.15 | 1.28 | 1.42 | 1.41 |
| Delaware | .80 | .92 | .87 | .85 | .92 | .94 | 1.09 | 1.21 | 1.14 |
| Maryland | .85 | .89 | .85 | .86 | .89 | 90 | .97 | 1.15 | 1.17 |
| Virginia | .72 | .68 | .66 | .66 | .69 | .71 | .78 | 1.02 | .96 |
| West Virginia | .90 | .82 | .77 | .80 | .86 | .90 | 1.02 | 1.24 | 1.18 |
| North Carolina | .63 | .58 | .54 | .54 | 58 | .60 | .66 | .92 | .89 |
| South Carolina | .62 | .52 | .47 | .48 | .50 | .51 | .55 | .81 | .71 |
| Georgia | .72 | .60 | .56 | .51 | .58 | .59 | .65 | .98 | .91 |
| Florida | .96 | .87 | .87 | .80 | .81 | .83 | .96 | 1.24 | 1.21 |
| Ohio | 1.10 | 1.07 | .98 | 1.00 | 1.09 | 1.16 | 1.29 | 1.42 | 1.47 |
| Indiana | 1.06 | 1.01 | .92 | .95 | 1.01 | 1.07 | 1.18 | 1.38 | 1.38 |
| Illinois | 1.14 | 1.14 | 1.06 | 1.07 | 1.16 | 1.23 | 1.32 | 1.58 | 1.56 |
| Michigan | 1.20 | 1.19 | 1.04 | 1.00 | 1.15 | 1.26 | 1.42 | 1.59 | 1.62 |
| Wisconsin | 1.30 | 1.24 | 1.11 | 1.11 | 1.24 | 1.39 | 1.50 | 1.75 | 1.70 |
| Minnesota | 1.40 | 1.26 | 1.09 | 1.29 | 1.36 | 1.55 | 1.68 | 1.87 | 1.88 |
| Iowa | 1.25 | 1.29 | 1.17 | 1.17 | 1.27 | 1.40 | 1.57 | 1.74 | 1.82 |
| Missouri | .93 | .89 | .82 | .85 | .90 | .94 | 1.04 | 1.24 | 1.27 |
| North Dakota | 1.60 | 1.46 | 1.27 | 1.41 | 1.49 | 1.65 | 1.78 | 2.07 | 2.14 |
| South Dakota | 1.45 | 1.42 | 1.11 | 1.22 | 1.49 | 1.69 | 1.85 | 2.07 | 2.19 |
| Nebraska | 1.26 | 1.20 | 1.03 | 1.02 | 1.31 | 1.40 | 1.54 | 1.87 | 1.94 |
| Kansas | 1.15 | 1.10 | .97 | 1.02 | 1.20 | 1.27 | 1.35 | 1.62 | 1.73 |
| Kentucky | .85 | .76 | .71 | .68 | .76 | .78 | .82 | 1.02 | 1.00 |
| Tennessee | .71 | .64 | .60 | .60 | .67 | .71 | .74 | .98 | .92 |
| Alabama | .72 | .62 | .54 | .53 | 60 | .62 | .72 | .99 | .87 |
| Mississippi | .80 | .64 | .55 | .52 | .68 | .70 | .75 | 1.16 | .96 |
| Louisiana | .87 | .80 | .72 | .68 | .77 | .78 | .94 | 1.16 | 1.00 |
| Texas | .98 | .90 | .84 | .81 | .89 | .90 | 1.00 | 1.22 | 1.16 |
| Oklahoma | ..... | .93 | .91 | .71 | .96 | 1.01 | 1.18 | 1.40 | 1.37 |
| Arkansas | .87 | .73 | .63 | .64 | .76 | .78 | .93 | 1.13 | 1.05 |
| Montana | 1.65 | 1.76 | 1.64 | 1.59 | 1.86 | 1.98 | 1.86 | 2.38 | 2.31 |
| Wyoming | 1.55 | 1.56 | 1.48 | 1.41 | 1.64 | 1.81 | 2.20 | 2.29 | 2.04 |
| Colorado | 1.50 | 1.39 | 1.26 | 1.34 | 1.46 | 1.53 | 1.65 | 2.00 | 1.87 |
| New Mexico | 1.25 | 1.11 | .97 | .97 | 1.10 | 1.12 | 1.33 | 1.40 | 1.39 |
| Arizona | 1.50 | 1.37 | 1.14 | 1.36 | 1.50 | 1.57 | 1.53 | 1.72 | 1.74 |
| Utah | 1.40 | 1.28 | 1.14 | 1.18 | 1.39 | 1.48 | 1.61 | 1.94 | 2.07 |
| Nevada | 1.60 | 1.60 | 1.44 | 1.53 | 1.67 | 1.81 | 1.85 | 2.69 | ..... |
| Idaho | 1.60 | 1.54 | 1.31 | 1.30 | 1.57 | 1.68 | 1.81 | 2.14 | 2.22 |
| Washington | 1.70 | 1.51 | 1.21 | 1.14 | 1.46 | 1.62 | 1.81 | 2.11 | 2.25 |
| Oregon | 1.55 | 1.29 | 1.06 | 1.00 | 1.24 | 1.35 | 1.56 | 1.89 | 1.79 |
| California | 1.60 | 1.47 | 1.38 | 1.29 | 1.42 | 1.51 | 1.62 | 1.78 | 1.94 |
| Geographic division: | | | | | | | | | |
| North Atlantic | 1.22 | 1.24 | 1.16 | 1.18 | 1.23 | 1.27 | 1.38 | 1.54 | 1.53 |
| South Atlantic | .71 | .64 | .60 | .60 | .64 | .66 | .72 | .99 | .93 |
| North Central | 1.16 | 1.13 | 1.02 | 1.05 | 1.16 | 1.25 | 1.37 | 1.59 | 1.62 |
| South Central | .82 | .72 | .65 | .64 | .75 | .77 | .86 | 1.11 | 1.02 |
| Western | 1.54 | 1.39 | 1.25 | 1.25 | 1.42 | 1.52 | 1.65 | 1.90 | 1.97 |
| United States | .98 | .92 | .84 | .85 | .94 | .99 | 1.09 | 1.32 | 1.29 |

TABLE 20.—*Average wage rates of outdoor labor of men on farms, per day for day labor other than harvest work, with board, by States and geographic divisions, 19 investigations from 1866 to 1909.*

[In some investigations designated as "ordinary" and "transient," currency years 1866, 1869, 1875, and 1877–1878, in gold.]

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 |
|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.80 | $0.77 | $0.91 | $0.72 | $0.75 | $0.81 | $0.91 | $0.88 | $0.92 | $0.98 |
| New Hampshire | .89 | 1.03 | .97 | .74 | .94 | .86 | .97 | .95 | .95 | 1.00 |
| Vermont | .93 | .94 | .96 | .64 | .69 | .72 | .90 | .88 | .90 | .92 |
| Massachusetts | .97 | 1.01 | .97 | .75 | .90 | .97 | 1.08 | 1.00 | 1.00 | 1.00 |
| Rhode Island | .94 | .87 | 1.02 | .50 | .50 | .75 | 1.00 | .94 | 1.02 | 1.02 |
| Connecticut | .91 | 1.01 | 1.01 | .87 | .71 | .87 | .98 | 1.00 | 1.00 | 1.00 |
| New York | .87 | .87 | .92 | .68 | .74 | .76 | .93 | .93 | .90 | .90 |
| New Jersey | .84 | .84 | .87 | .68 | .76 | .74 | .86 | .83 | .87 | .92 |
| Pennsylvania | .77 | .76 | .82 | .63 | .68 | .75 | .85 | .80 | .82 | .81 |
| Delaware | .66 | .70 | .61 | .50 | .33 | ..... | .80 | .78 | .70 | .63 |
| Maryland | .68 | .57 | .62 | .48 | .53 | .49 | .55 | .62 | .64 | .61 |
| Virginia | .40 | .40 | .44 | .44 | .45 | .46 | .48 | .49 | .51 | .52 |
| West Virginia | .65 | .58 | .65 | .55 | .59 | .55 | .59 | .60 | .62 | .68 |
| North Carolina | .35 | .36 | .44 | .41 | .45 | .46 | .46 | .47 | .45 | .46 |
| South Carolina | .32 | .37 | .48 | .41 | .43 | .44 | .45 | .45 | .43 | .45 |
| Georgia | .49 | .44 | .52 | .44 | .46 | .47 | .49 | .47 | .50 | .50 |
| Florida | .52 | .53 | .61 | .53 | .62 | .55 | .55 | .60 | .70 | .68 |
| Ohio | .80 | .77 | .87 | .83 | .75 | .83 | .89 | .85 | .82 | .83 |
| Indiana | .75 | .74 | .82 | .69 | .73 | .73 | .78 | .80 | .82 | .78 |
| Illinois | .85 | .83 | .88 | .73 | .82 | .88 | .90 | .87 | .84 | .86 |
| Michigan | .92 | .86 | .95 | .82 | .86 | .87 | .96 | .92 | .90 | .88 |
| Wisconsin | .90 | .84 | .87 | .79 | .83 | .90 | .99 | .95 | .97 | .87 |
| Minnesota | .95 | .87 | .93 | .93 | 1.03 | .99 | 1.02 | .99 | 1.00 | .98 |
| Iowa | .84 | .83 | .88 | .80 | .86 | .92 | .99 | .97 | .97 | .95 |
| Missouri | .75 | .75 | .63 | .59 | .66 | .66 | .70 | .68 | .80 | .75 |
| North Dakota, South Dakota | 1.06 | ..... | .94 | .91 | .99 | 1.27 | 1.11 | 1.08 | 1.10 | 1.04 |
| Nebraska | 1.01 | .92 | .87 | .89 | .86 | .87 | .91 | .97 | 1.00 | .94 |
| Kansas | .84 | .82 | .78 | .72 | .76 | .74 | .80 | .87 | .85 | .78 |
| Kentucky | .61 | .57 | .62 | .53 | .53 | .55 | .60 | .59 | .60 | .67 |
| Tennessee | .58 | .50 | .52 | .50 | .52 | .53 | .50 | .52 | .53 | .53 |
| Alabama | .39 | .45 | .46 | .50 | .51 | .57 | .51 | .52 | .53 | .55 |
| Mississippi | .63 | .66 | .69 | .55 | .54 | .57 | .55 | .60 | .55 | .60 |
| Louisiana | .49 | .61 | .64 | .62 | .65 | .64 | .60 | .64 | .65 | .67 |
| Texas | .69 | .62 | .73 | .66 | .67 | .68 | .70 | .76 | .71 | .73 |
| Arkansas | .62 | .75 | .69 | .60 | .65 | .75 | .62 | .64 | .65 | .65 |
| Montana | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.25 | 1.45 |
| Wyoming | ..... | ..... | 2.36 | ..... | ..... | ..... | ..... | ..... | 1.10 | 1.12 |
| Colorado | 1.93 | ..... | 1.16 | 1.19 | ..... | ..... | 1.14 | 1.10 | 1.12 | 1.05 |
| New Mexico | .90 | ..... | .50 | .56 | .74 | .75 | 1.00 | .81 | 1.00 | 1.00 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .90 | 1.20 |
| Utah | 1.63 | ..... | 1.40 | 1.12 | 1.13 | 1.10 | 1.10 | 1.14 | 1.10 | 1.05 |
| Nevada | 2.50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.20 | 1.18 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.15 | 1.45 |
| Washington | 1.75 | ..... | ..... | ..... | ..... | ..... | ..... | 1.17 | 1.15 | 1.27 |
| Oregon | 1.40 | ..... | 1.15 | 1.08 | 1.00 | 1.10 | 1.00 | .95 | .98 | 1.03 |
| California | 1.72 | 1.50 | 1.30 | 1.23 | 1.27 | 1.21 | 1.29 | 1.15 | 1.18 | 1.15 |
| Geographic division: | | | | | | | | | | |
| North Atlantic | .86 | .87 | .91 | .68 | .73 | .78 | .91 | .89 | .89 | .90 |
| South Atlantic | .43 | .42 | .50 | .44 | .47 | .47 | .49 | .50 | .50 | .51 |
| North Central | .83 | .82 | .84 | .75 | .79 | .83 | .88 | .87 | .88 | .85 |
| South Central | .55 | .57 | .61 | .56 | .57 | .60 | .58 | .61 | .60 | .63 |
| Western | 1.49 | 1.50 | 1.29 | 1.04 | 1.08 | 1.07 | 1.14 | 1.12 | 1.12 | 1.12 |
| United States | .64 | .63 | .68 | .61 | .64 | .67 | .70 | .71 | .72 | .72 |

TABLE 20.—*Average wage rates of outdoor labor of men on farms, per day for day labor other than harvest work, with board, by States and geographic divisions, 19 investigations from 1866 to 1909*—Continued.

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.96 | $1.00 | $0.95 | $0.93 | $0.98 | $1.03 | $1.12 | $1.28 | $1.28 |
| New Hampshire | .96 | 1.02 | .97 | .95 | 1.09 | 1.05 | 1.11 | 1.23 | 1.31 |
| Vermont | .94 | 1.05 | .97 | .94 | .97 | 1.00 | 1.07 | 1.20 | 1.21 |
| Massachusetts | .98 | 1.08 | .99 | 1.00 | 1.05 | 1.08 | 1.14 | 1.24 | 1.04 |
| Rhode Island | .98 | .91 | .88 | .89 | .99 | 1.00 | 1.07 | 1.17 | 1.12 |
| Connecticut | .97 | .99 | .97 | .98 | 1.02 | 1.06 | 1.05 | 1.19 | 1.14 |
| New York | .90 | .99 | .93 | .91 | .94 | .98 | 1.05 | 1.25 | 1.26 |
| New Jersey | .92 | .98 | .93 | .95 | .93 | .95 | 1.02 | 1.11 | 1.09 |
| Pennsylvania | .81 | .81 | .74 | .78 | .80 | .84 | .93 | 1.06 | 1.04 |
| Delaware | .60 | .71 | .69 | .66 | .66 | .68 | .81 | .91 | .95 |
| Maryland | .61 | .64 | .60 | .63 | .63 | .64 | .71 | .87 | .90 |
| Virginia | .50 | .49 | .47 | .49 | .49 | .51 | .57 | .78 | .74 |
| West Virginia | .63 | .62 | .57 | .57 | .60 | .65 | .74 | .92 | .89 |
| North Carolina | .45 | .46 | .43 | .41 | .44 | .46 | .50 | .72 | .70 |
| South Carolina | .45 | .44 | .41 | .36 | .42 | .42 | .45 | .64 | .60 |
| Georgia | .52 | .49 | .45 | .40 | .46 | .46 | .51 | .78 | .71 |
| Florida | .72 | .71 | .70 | .60 | .59 | .60 | .69 | .97 | .86 |
| Ohio | .85 | .85 | .77 | .78 | .84 | .90 | 1.00 | 1.15 | 1.18 |
| Indiana | .76 | .81 | .73 | .74 | .77 | .84 | .92 | 1.10 | 1.13 |
| Illinois | .88 | .91 | .84 | .86 | .91 | .97 | 1.05 | 1.27 | 1.33 |
| Michigan | .88 | .93 | .79 | .76 | .86 | .97 | 1.09 | 1.23 | 1.26 |
| Wisconsin | .88 | .96 | .85 | .84 | .93 | 1.06 | 1.14 | 1.35 | 1.35 |
| Minnesota | 1.00 | 1.02 | .84 | 1.00 | 1.01 | 1.18 | 1.31 | 1.46 | 1.53 |
| Iowa | .98 | 1.00 | .88 | .93 | .99 | 1.11 | 1.24 | 1.38 | 1.53 |
| Missouri | .76 | .68 | .62 | .65 | .67 | .71 | .79 | .98 | 1.00 |
| North Dakota | 1.20 | 1.13 | .94 | 1.03 | 1.04 | 1.18 | 1.30 | 1.51 | 1.66 |
| South Dakota | 1.06 | 1.11 | .81 | .96 | 1.11 | 1.26 | 1.36 | 1.60 | 1.69 |
| Nebraska | .96 | .93 | .78 | .80 | 1.01 | 1.06 | 1.17 | 1.44 | 1.58 |
| Kansas | .83 | .85 | .74 | .79 | .91 | .98 | 1.04 | 1.27 | 1.44 |
| Kentucky | .62 | .59 | .55 | .53 | .58 | .60 | .61 | .81 | .82 |
| Tennessee | .53 | .51 | .47 | .47 | .52 | .54 | .56 | .76 | .74 |
| Alabama | .52 | .51 | .44 | .41 | .46 | .48 | .54 | .78 | .68 |
| Mississippi | .56 | .52 | .45 | .43 | .51 | .53 | .57 | .90 | .75 |
| Louisiana | .65 | .62 | .56 | .54 | .58 | .60 | .75 | .90 | .79 |
| Texas | .72 | .72 | .67 | .63 | .67 | .68 | .77 | .94 | .93 |
| Oklahoma | ..... | .71 | .66 | .59 | .73 | .77 | .88 | 1.10 | 1.12 |
| Arkansas | .60 | .56 | .49 | .50 | .55 | .57 | .70 | .86 | .83 |
| Montana | 1.35 | 1.29 | 1.19 | 1.12 | 1.32 | 1.41 | 1.39 | 1.74 | 1.68 |
| Wyoming | 1.25 | 1.18 | 1.14 | 1.08 | 1.19 | 1.33 | 1.44 | 1.65 | 1.54 |
| Colorado | 1.10 | 1.00 | .89 | .97 | 1.05 | 1.12 | 1.17 | 1.44 | 1.44 |
| New Mexico | .87 | .85 | .78 | .75 | .76 | .75 | .93 | .97 | 1.06 |
| Arizona | 1.15 | 1.02 | .89 | 1.01 | 1.12 | 1.21 | 1.13 | 1.31 | 1.35 |
| Utah | 1.08 | 1.06 | .92 | .90 | 1.10 | 1.22 | 1.28 | 1.52 | 1.61 |
| Nevada | 1.17 | 1.14 | .98 | .93 | 1.19 | 1.27 | 1.36 | 1.69 | 1.42 |
| Idaho | 1.18 | 1.14 | .93 | .92 | 1.14 | 1.21 | 1.26 | 1.61 | 1.70 |
| Washington | 1.38 | 1.08 | .88 | .80 | 1.07 | 1.17 | 1.29 | 1.52 | 1.66 |
| Oregon | 1.05 | .96 | .76 | .72 | .93 | 1.00 | 1.13 | 1.39 | 1.42 |
| California | 1.17 | 1.05 | .97 | .89 | 1.03 | 1.10 | 1.20 | 1.40 | 1.43 |
| Georgraphic division: | | | | | | | | | |
| North Atlantic | .89 | .95 | .89 | .89 | .92 | .95 | 1.03 | 1.18 | 1.16 |
| South Atlantic | .51 | .50 | .47 | .45 | .48 | .50 | .55 | .77 | .73 |
| North Central | .87 | .89 | .78 | .82 | .88 | .97 | 1.06 | 1.25 | 1.32 |
| South Central | .60 | .57 | .52 | .51 | .57 | .59 | .66 | .87 | .82 |
| Western | 1.25 | 1.02 | .91 | .89 | 1.04 | 1.11 | 1.20 | 1.43 | 1.48 |
| United States | .73 | .72 | .65 | .65 | .71 | .75 | .83 | 1.03 | 1.03 |

## SUMMARY BY GEOGRAPHIC DIVISIONS.

Table 21 is a summary of the average wage rates of the outdoor labor of men on farms by geographic divisions, for the nine years for which monthly wage rates in hiring by the year and season were ascertained, without and with board, and for the 19 years for which day rates of wages were ascertained in harvest work and in labor other than harvest work, without and with board.

For the purpose of expressing in the most concise form the trend of wage rates, the years have been consolidated into groups and the mean rates for these groups have been computed.

By converting the rates of Table 21 into index numbers they become easily comparable upon a common base line with respect to increase and decrease, and with this object in view Table 22 has been prepared.

The mean rate for the four investigations of 1899, 1902, 1906, and 1909 is represented by 100 in the computations, and the rates for all years and groups of years are expressed in terms of this base line.

Upon examination of Table 46, it appears that the index number for the rate per month in hiring by the year and season, with board, for 1894, the lowest rate of the industrial depression of that time, was 76.7; after that the index number rose steadily to 113.2 in 1906, after which there was a decline to 109.1 in 1909. The mean rate for the investigations of 1899 to 1909 being 100, the mean index number for the investigation of 1891 or 1892 to 1898 is 79.8.

Attention may now be directed to the index numbers for the daily rates for day labor in harvest work, with board, the base line, as before, being represented by 100 for the mean of the investigations of 1899 to 1909. The index number for 1866 to 1869 was 80.8, and it rose to 89.2 as the mean for the investigations of 1880 or 1881 to 1887 or 1888, after which there was a decline to 80 in 1889 or 1890 to 1898, or almost exactly the level of the first period mentioned. Then followed the enormous rate of increase to 100 within the subsequent decade.

In the case of labor other than harvest work, the index for the rates had a still greater rate of increase during the last decade, the advance being from the index number of 76.9 to 100.

For a continuation of an examination of the trend of wage rates, a more minute attention may be given to Tables 21 and 22.

TABLE 21.—*Average wage rates of outdoor labor of men on farms, by geographic divisions, 19 investigations, from 1866 to 1909.*

PER MONTH IN HIRING BY THE YEAR AND SEASON.

| Year. | Without board. | | | | | | With board. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | United States. | Geographic division. | | | | | United States. | Geographic division. | | | | |
| | | North Atlantic. | South Atlantic. | North Central. | South Central. | Western. | | North Atlantic. | South Alantic. | North Central. | South Central. | Western. |
| 1891 or 1892 | $20.02 | $24.80 | $14.43 | $23.96 | $16.09 | $34.84 | $13.48 | $16.39 | $9.45 | $16.20 | $11.15 | $23.26 |
| 1893 | 19.97 | 26.11 | 13.57 | 24.40 | 15.45 | 35.32 | 13.85 | 17.10 | 9.37 | 17.16 | 11.01 | 24.48 |
| 1894 | 18.57 | 24.66 | 12.82 | 22.60 | 14.20 | 32.18 | 12.70 | 16.09 | 8.74 | 15.69 | 9.95 | 21.35 |
| 1895 | 18.74 | 25.27 | 12.63 | 23.06 | 14.25 | 31.74 | 12.75 | 16.33 | 8.51 | 16.01 | 9.87 | 20.84 |
| 1898 | 19.16 | 24.63 | 13.08 | 23.33 | 15.04 | 33.85 | 13.29 | 16.01 | 9.04 | 16.34 | 10.64 | 23.68 |
| 1899 | 19.97 | 25.44 | 13.35 | 24.75 | 15.47 | 35.64 | 13.90 | 16.60 | 9.26 | 17.36 | 10.97 | 25.19 |
| 1902 | 22.12 | 28.04 | 15.16 | 27.23 | 17.07 | 39.68 | 15.51 | 18.47 | 10.41 | 19.41 | 12.14 | 28.20 |
| 1906 | 26.19 | 31.93 | 19.61 | 30.97 | 21.13 | 44.99 | 18.73 | 21.72 | 13.98 | 22.41 | 15.28 | 32.15 |
| 1909 | 27.43 | 33.68 | 20.13 | 32.90 | 21.85 | 47.24 | 20.01 | 23.26 | 14.42 | 24.66 | 15.91 | 34.44 |
| Mean: | | | | | | | | | | | | |
| 1891, 1892–1898 | 19.29 | 25.09 | 13.31 | 23.47 | 15.01 | 33.59 | 13.21 | 16.38 | 9.02 | 16.28 | 10.52 | 22.72 |
| 1899–1909 | 23.44 | 29.08 | 16.72 | 28.38 | 18.48 | 41.16 | 16.55 | 19.38 | 11.69 | 20.35 | 13.18 | 29.21 |

TABLE 21.—*Average wage rates of outdoor labor of men on farms, by geographic divisions, 19 investigations, from 1866 to 1909*—Continued.

PER DAY FOR DAY LABOR IN HARVEST WORK.

| Year. | Without board. | | | | | | With board. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | United States. | Geographic division. | | | | | United States. | Geographic division. | | | | |
| | | North Atlantic. | South Atlantic. | North Central. | South Central. | Western. | | North Atlantic. | South Atlantic. | North Central. | South Central. | Western. |
| 1866 | $1.34 | $1.66 | $1.04 | $1.65 | $1.20 | $2.51 | $1.04 | $1.32 | $0.79 | $1.31 | $0.92 | $1.93 |
| 1869 | 1.35 | 1.78 | 1.01 | 1.73 | 1.19 | 2.82 | 1.06 | 1.40 | .76 | 1.54 | .92 | 2.04 |
| 1874 or 1875 | 1.49 | 1.87 | 1.14 | 1.91 | 1.30 | 2.33 | 1.18 | 1.45 | .92 | 1.54 | 1.02 | 1.87 |
| 1877 or 1878, 1878 or 1879 | 1.35 | 1.44 | 1.04 | 1.69 | 1.19 | 1.88 | 1.04 | 1.09 | .78 | 1.34 | .93 | 1.43 |
| 1879 or 1880 | 1.44 | 1.56 | 1.12 | 1.82 | 1.25 | 1.96 | 1.12 | 1.18 | .87 | 1.44 | .96 | 1.50 |
| 1880 or 1881 | 1.49 | 1.63 | 1.10 | 1.95 | 1.29 | 1.94 | 1.16 | 1.26 | .88 | 1.54 | .97 | 1.50 |
| 1881 or 1882 | 1.54 | 1.80 | 1.20 | 1.97 | 1.28 | 2.03 | 1.20 | 1.40 | .88 | 1.59 | .99 | 1.64 |
| 1884 or 1885 | 1.49 | 1.81 | 1.16 | 1.84 | 1.19 | 2.12 | 1.17 | 1.39 | .88 | 1.48 | .94 | 1.67 |
| 1887 or 1888 | 1.40 | 1.70 | 1.08 | 1.69 | 1.12 | 2.02 | 1.09 | 1.31 | .85 | 1.34 | .86 | 1.60 |
| 1889 or 1890 | 1.38 | 1.71 | 1.08 | 1.60 | 1.25 | 1.91 | 1.08 | 1.33 | .86 | 1.28 | .88 | 1.53 |
| 1891 or 1892 | 1.39 | 1.72 | 1.08 | 1.67 | 1.12 | 2.04 | 1.09 | 1.33 | .85 | 1.32 | .86 | 1.56 |
| 1893 | 1.30 | 1.68 | 1.00 | 1.55 | 1.01 | 1.86 | 1.07 | 1.36 | .83 | 1.28 | .84 | 1.48 |
| 1894 | 1.18 | 1.57 | .95 | 1.38 | .91 | 1.67 | .97 | 1.26 | .78 | 1.13 | .76 | 1.30 |
| 1895 | 1.19 | 1.56 | .94 | 1.41 | .95 | 1.60 | .96 | 1.25 | .76 | 1.15 | .76 | 1.24 |
| 1898 | 1.29 | 1.60 | .97 | 1.53 | 1.07 | 1.80 | 1.04 | 1.28 | .80 | 1.24 | .86 | 1.44 |
| 1899 | 1.35 | 1.66 | .99 | 1.66 | 1.09 | 1.91 | 1.10 | 1.33 | .82 | 1.37 | .89 | 1.56 |
| 1902 | 1.51 | 1.82 | 1.08 | 1.89 | 1.21 | 2.12 | 1.23 | 1.45 | .89 | 1.57 | .97 | 1.75 |
| 1906 | 1.76 | 2.07 | 1.31 | 2.17 | 1.45 | 2.30 | 1.45 | 1.69 | 1.08 | 1.80 | 1.18 | 1.97 |
| 1909 | 1.71 | 1.98 | 1.25 | 2.21 | 1.34 | 2.51 | 1.43 | 1.62 | 1.03 | 1.87 | 1.10 | 2.02 |
| Mean: | | | | | | | | | | | | |
| 1866–1869 | 1.34 | 1.72 | 1.02 | 1.69 | 1.20 | 2.66 | 1.05 | 1.36 | .78 | 1.42 | .92 | 1.98 |
| 1874 or 1875, 1879 or 1880 | 1.43 | 1.62 | 1.10 | 1.81 | 1.25 | 2.06 | 1.11 | 1.24 | .86 | 1.44 | .97 | 1.60 |
| 1880 or 1881, 1887 or 1888 | 1.48 | 1.74 | 1.14 | 1.86 | 1.22 | 2.03 | 1.16 | 1.34 | .87 | 1.49 | .94 | 1.60 |
| 1889 or 1890, 1898 | 1.29 | 1.64 | 1.00 | 1.52 | 1.05 | 1.81 | 1.04 | 1.30 | .81 | 1.23 | .83 | 1.42 |
| 1899–1909 | 1.58 | 1.88 | 1.16 | 1.98 | 1.27 | 2.21 | 1.30 | 1.52 | .96 | 1.65 | 1.04 | 1.82 |

PER DAY FOR DAY LABOR OTHER THAN HARVEST WORK.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1866 | $0.90 | $1.20 | $0.63 | $1.12 | $0.79 | $1.95 | $0.64 | $0.86 | $0.43 | $0.83 | $0.55 | $1.49 |
| 1869 | .87 | 1.20 | .60 | 1.09 | .80 | 2.13 | .63 | .87 | .42 | .82 | .57 | 1.50 |
| 1874 or 1875 | .94 | 1.26 | .70 | 1.17 | .85 | 1.74 | .68 | .91 | .50 | .84 | .61 | 1.29 |
| 1877 or 1878, 1878 or 1879 | .84 | .97 | .61 | .99 | .78 | 1.40 | .61 | .68 | .44 | .75 | .56 | 1.04 |
| 1879 or 1880 | .89 | 1.07 | .64 | 1.07 | .80 | 1.59 | .64 | .73 | .47 | .79 | .57 | 1.08 |
| 1880 or 1881 | .92 | 1.08 | .65 | 1.12 | .84 | 1.54 | .67 | .78 | .47 | .83 | .60 | 1.07 |
| 1881 or 1882 | .97 | 1.26 | .71 | 1.19 | .81 | 1.52 | .70 | .91 | .49 | .88 | .58 | 1.14 |
| 1884 or 1885 | .96 | 1.21 | .70 | 1.16 | .82 | 1.55 | .71 | .89 | .50 | .87 | .61 | 1.12 |
| 1887 or 1888 | .98 | 1.20 | .72 | 1.15 | .82 | 1.52 | .72 | .89 | .50 | .88 | .60 | 1.12 |
| 1889 or 1890 | .97 | 1.22 | .72 | 1.13 | .84 | 1.49 | .72 | .90 | .51 | .85 | .63 | 1.12 |
| 1891 or 1892 | .98 | 1.22 | .71 | 1.16 | .82 | 1.54 | .73 | .89 | .51 | .87 | .60 | 1.25 |
| 1893 | .92 | 1.24 | .64 | 1.13 | .72 | 1.39 | .72 | .95 | .50 | .89 | .57 | 1.02 |
| 1894 | .84 | 1.16 | .60 | 1.02 | .65 | 1.25 | .65 | .89 | .47 | .78 | .52 | .91 |
| 1895 | .85 | 1.18 | .60 | 1.05 | .64 | 1.25 | .65 | .89 | .45 | .82 | .51 | .89 |
| 1898 | .94 | 1.23 | .64 | 1.16 | .75 | 1.42 | .71 | .92 | .48 | .88 | .57 | 1.04 |
| 1899 | .99 | 1.27 | .66 | 1.25 | .77 | 1.52 | .75 | .95 | .50 | .97 | .59 | 1.11 |
| 1902 | 1.09 | 1.38 | .72 | 1.37 | .86 | 1.65 | .83 | 1.03 | .55 | 1.06 | .66 | 1.20 |
| 1906 | 1.32 | 1.54 | .99 | 1.59 | 1.11 | 1.90 | 1.03 | 1.18 | .77 | 1.25 | .87 | 1.43 |
| 1909 | 1.29 | 1.53 | .93 | 1.62 | 1.02 | 1.97 | 1.03 | 1.16 | .73 | 1.32 | .82 | 1.48 |
| Mean: | | | | | | | | | | | | |
| 1866–1869 | .88 | 1.20 | .62 | 1.10 | .80 | 2.04 | .64 | .86 | .42 | .82 | .56 | 1.50 |
| 1874 or 1875, 1879 or 1880 | .89 | 1.10 | .65 | 1.08 | .81 | 1.58 | .64 | .77 | .47 | .79 | .58 | 1.14 |
| 1880 or 1881, 1887 or 1888 | .96 | 1.19 | .70 | 1.16 | .82 | 1.53 | .70 | .87 | .49 | .86 | .60 | 1.11 |
| 1889 or 1890, 1898 | .92 | 1.21 | .65 | 1.11 | .74 | 1.39 | .70 | .91 | .49 | .85 | .57 | 1.04 |
| 1899–1909 | 1.17 | 1.43 | .82 | 1.46 | .94 | 1.76 | .91 | 1.08 | .64 | 1.15 | .74 | 1.30 |

TABLE 22.—*Comparative average wage rates of outdoor labor of men on farms, by geographic divisions, 19 investigations, from 1866 to 1909.*

[100.0=mean for 1899, 1902, 1906, and 1909.]

PER MONTH IN HIRING BY THE YEAR AND SEASON.

| Year. | Without board. | | | | | | With board. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | United States. | Geographic division. | | | | | United States. | Geographic division. | | | | |
| | | North Atlantic. | South Atlantic. | North Central. | South Central. | Western. | | North Atlantic. | South Atlantic. | North Central. | South Central. | Western. |
| 1891 or 1892 | 85.4 | 85.3 | 86.3 | 84.4 | 87.1 | 84.6 | 81.5 | 84.6 | 80.8 | 79.6 | 84.6 | 79.6 |
| 1893 | 85.2 | 89.8 | 81.2 | 86.0 | 83.6 | 85.8 | 83.7 | 88.2 | 80.2 | 84.3 | 83.5 | 83.8 |
| 1894 | 79.2 | 84.8 | 76.7 | 79.6 | 76.8 | 78.2 | 76.7 | 83.0 | 74.8 | 77.1 | 75.5 | 73.1 |
| 1895 | 79.9 | 86.9 | 75.5 | 81.3 | 77.1 | 77.1 | 77.0 | 84.3 | 72.8 | 78.7 | 74.9 | 71.3 |
| 1898 | 81.7 | 84.7 | 78.2 | 82.2 | 81.4 | 82.2 | 80.3 | 82.6 | 77.3 | 80.3 | 80.7 | 81.1 |
| 1899 | 85.2 | 87.5 | 79.8 | 87.2 | 83.7 | 86.6 | 84.0 | 85.7 | 79.2 | 85.3 | 83.2 | 86.2 |
| 1902 | 94.4 | 96.4 | 90.7 | 95.9 | 92.4 | 96.4 | 93.7 | 95.3 | 89.1 | 95.4 | 92.1 | 96.5 |
| 1906 | 111.7 | 109.8 | 117.3 | 109.1 | 114.3 | 109.3 | 113.2 | 112.1 | 119.6 | 110.1 | 115.9 | 110.1 |
| 1909 | 108.6 | 106.2 | 112.2 | 107.6 | 109.7 | 107.8 | 109.1 | 107.0 | 112.1 | 109.2 | 108.9 | 107.2 |
| Mean: | | | | | | | | | | | | |
| 1891 or 1892–1898 | 82.3 | 86.3 | 79.6 | 82.7 | 81.2 | 81.6 | 79.8 | 84.5 | 77.2 | 80.0 | 79.8 | 77.8 |
| 1899–1909 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

PER DAY FOR DAY LABOR IN HARVEST WORK.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1866 | 84.8 | 88.3 | 89.7 | 83.3 | 94.5 | 113.6 | 80.0 | 86.8 | 82.3 | 79.4 | 88.5 | 106.0 |
| 1869 | 85.4 | 94.7 | 87.1 | 87.4 | 93.7 | 127.6 | 81.5 | 92.1 | 79.2 | 93.3 | 88.5 | 112.1 |
| 1874 or 1875 | 94.3 | 99.5 | 98.3 | 96.5 | 102.4 | 105.4 | 90.8 | 95.4 | 95.8 | 93.3 | 98.1 | 102.7 |
| 1877 or 1878, 1878 or 1879 | 85.4 | 76.6 | 89.7 | 85.4 | 93.7 | 85.1 | 80.0 | 71.7 | 81.2 | 81.2 | 89.4 | 78.6 |
| 1879 or 1880 | 91.1 | 83.0 | 96.6 | 91.9 | 98.4 | 88.7 | 86.2 | 77.6 | 90.6 | 87.3 | 92.3 | 82.4 |
| 1880 or 1881 | 94.3 | 86.7 | 94.8 | 98.5 | 101.6 | 87.8 | 89.2 | 82.9 | 91.7 | 93.3 | 93.3 | 82.4 |
| 1881 or 1882 | 97.5 | 95.7 | 103.4 | 99.5 | 100.8 | 91.9 | 92.3 | 92.1 | 91.7 | 96.4 | 95.2 | 90.1 |
| 1884 or 1885 | 94.3 | 96.3 | 100.0 | 92.9 | 93.7 | 95.9 | 90.0 | 91.4 | 91.7 | 89.7 | 90.4 | 91.8 |
| 1887 or 1888 | 88.6 | 90.4 | 93.1 | 85.4 | 88.2 | 91.4 | 83.8 | 86.2 | 88.5 | 81.2 | 82.7 | 87.9 |
| 1889 or 1890 | 87.3 | 91.0 | 93.1 | 80.8 | 98.4 | 86.4 | 83.1 | 87.5 | 89.6 | 77.6 | 84.6 | 84.1 |
| 1891 or 1892 | 88.0 | 91.5 | 93.1 | 84.3 | 88.2 | 92.3 | 83.8 | 87.5 | 88.5 | 80.0 | 82.7 | 85.7 |
| 1893 | 82.3 | 89.4 | 86.2 | 78.3 | 79.5 | 84.2 | 82.3 | 89.5 | 86.5 | 77.6 | 80.8 | 81.3 |
| 1894 | 74.7 | 83.5 | 81.9 | 69.7 | 71.7 | 75.6 | 74.6 | 82.9 | 81.2 | 68.5 | 73.1 | 71.4 |
| 1895 | 75.3 | 83.0 | 81.0 | 71.2 | 74.8 | 72.4 | 73.8 | 82.2 | 79.2 | 69.7 | 73.1 | 68.1 |
| 1898 | 81.6 | 85.1 | 83.6 | 77.3 | 84.3 | 81.4 | 80.0 | 84.2 | 83.3 | 75.2 | 82.7 | 79.1 |
| 1899 | 85.4 | 88.3 | 85.3 | 83.8 | 85.8 | 86.4 | 84.6 | 87.5 | 85.4 | 83.0 | 85.6 | 85.7 |
| 1902 | 95.6 | 96.8 | 93.1 | 95.5 | 95.3 | 95.9 | 94.6 | 95.4 | 92.7 | 95.2 | 93.3 | 96.2 |
| 1906 | 111.4 | 110.1 | 112.9 | 109.6 | 114.2 | 104.1 | 111.5 | 111.2 | 112.5 | 109.1 | 113.5 | 108.2 |
| 1909 | 108.2 | 105.3 | 107.8 | 111.6 | 105.5 | 113.6 | 110.0 | 106.6 | 107.3 | 113.3 | 105.8 | 111.0 |
| Mean: | | | | | | | | | | | | |
| 1866–1869 | 84.8 | 91.5 | 87.9 | 85.4 | 94.5 | 120.4 | 80.8 | 89.5 | 81.2 | 86.1 | 88.5 | 108.8 |
| 1874 or 1875, 1879 or 1880 | 90.5 | 86.2 | 94.8 | 91.4 | 98.4 | 93.2 | 85.4 | 81.6 | 89.6 | 87.3 | 93.3 | 87.9 |
| 1880 or 1881, 1887 or 1888 | 93.7 | 92.6 | 98.3 | 93.9 | 96.1 | 91.9 | 89.2 | 88.2 | 90.6 | 90.3 | 90.4 | 87.9 |
| 1889 or 1890, 1898 | 81.6 | 87.2 | 86.2 | 76.8 | 82.7 | 81.9 | 80.0 | 85.5 | 84.4 | 74.5 | 79.8 | 78.0 |
| 1899–1909 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TABLE 22—*Comparative average wage rates of outdoor labor of men on farms, by geographic divisions, 19 investigations, from 1866 to 1909*—Continued.

[100.0=mean for 1899, 1902, 1906, and 1909.]

PER DAY FOR DAY LABOR OTHER THAN HARVEST WORK.

| Year. | Without board. | | | | | | With board. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | United States. | Geographic division. | | | | | United States. | Geographic division. | | | | |
| | | North Atlantic. | South Atlantic. | North Central. | South Central. | Western. | | North Atlantic. | South Atlantic. | North Central. | South Central. | Western. |
| 1866 | 76.9 | 83.9 | 76.8 | 76.7 | 84.0 | 110.8 | 70.3 | 79.6 | 67.2 | 72.2 | 74.3 | 114.6 |
| 1869 | 74.4 | 83.9 | 73.2 | 74.7 | 85.1 | 121.0 | 69.2 | 80.6 | 65.6 | 71.3 | 77.0 | 115.4 |
| 1874 or 1875 | 80.3 | 88.1 | 85.4 | 80.1 | 90.4 | 98.9 | 74.7 | 84.3 | 78.1 | 73.0 | 82.4 | 99.2 |
| 1877 or 1878, 1878 or 1879 | 71.8 | 67.8 | 74.4 | 67.8 | 83.0 | 79.5 | 67.0 | 63.0 | 68.8 | 65.2 | 75.7 | 80.0 |
| 1879 or 1880 | 76.1 | 74.8 | 78.0 | 73.3 | 85.1 | 90.3 | 70.3 | 67.6 | 73.4 | 68.7 | 77.0 | 83.1 |
| 1880 or 1881 | 78.6 | 75.5 | 79.3 | 76.7 | 89.4 | 87.5 | 73.6 | 72.2 | 73.4 | 72.2 | 81.1 | 82.3 |
| 1881 or 1882 | 82.9 | 88.1 | 86.6 | 81.5 | 86.2 | 86.4 | 76.9 | 84.3 | 76.6 | 76.5 | 78.4 | 87.7 |
| 1884 or 1885 | 82.1 | 84.6 | 85.4 | 79.5 | 87.2 | 88.1 | 78.0 | 82.4 | 78.1 | 75.7 | 82.4 | 86.2 |
| 1887 or 1888 | 83.8 | 83.9 | 87.8 | 78.8 | 87.2 | 86.4 | 79.1 | 82.4 | 78.1 | 76.5 | 81.1 | 86.2 |
| 1889 or 1890 | 82.9 | 85.3 | 87.8 | 77.4 | 89.4 | 84.7 | 79.1 | 83.3 | 79.7 | 73.9 | 85.1 | 86.2 |
| 1891 or 1892 | 83.8 | 85.3 | 86.6 | 79.5 | 87.2 | 87.5 | 80.2 | 82.4 | 79.7 | 75.7 | 81.1 | 96.2 |
| 1893 | 78.6 | 86.7 | 78.0 | 77.4 | 76.6 | 79.0 | 79.1 | 88.0 | 78.1 | 77.4 | 77.0 | 78.5 |
| 1894 | 71.8 | 81.1 | 73.2 | 69.9 | 69.1 | 71.0 | 71.4 | 82.4 | 73.4 | 67.8 | 70.3 | 70.0 |
| 1895 | 72.6 | 82.5 | 73.2 | 71.9 | 68.1 | 71.0 | 71.4 | 82.4 | 70.3 | 71.3 | 68.9 | 68.5 |
| 1898 | 80.3 | 86.0 | 78.0 | 79.5 | 79.8 | 80.7 | 78.0 | 85.2 | 75.0 | 76.5 | 77.0 | 80.0 |
| 1899 | 84.6 | 88.8 | 80.5 | 85.6 | 81.9 | 86.4 | 82.4 | 88.0 | 78.1 | 84.3 | 79.7 | 85.4 |
| 1902 | 93.2 | 96.5 | 87.8 | 93.8 | 91.5 | 93.8 | 91.2 | 95.4 | 85.9 | 92.2 | 89.2 | 92.3 |
| 1906 | 112.8 | 107.7 | 120.7 | 108.9 | 118.1 | 108.0 | 113.2 | 109.3 | 120.3 | 108.7 | 117.6 | 110.0 |
| 1909 | 110.3 | 107.0 | 113.4 | 111.0 | 108.5 | 111.9 | 113.2 | 107.4 | 114.1 | 114.8 | 110.8 | 113.8 |
| Mean: | | | | | | | | | | | | |
| 1866–1869 | 75.2 | 83.9 | 75.6 | 75.3 | 85.1 | 115.9 | 70.3 | 79.6 | 65.6 | 71.3 | 75.7 | 115.4 |
| 1874 or 1875, 1879 or 1880 | 76.1 | 76.9 | 79.3 | 74.0 | 86.2 | 89.8 | 70.3 | 71.3 | 73.4 | 68.7 | 78.4 | 87.7 |
| 1880 or 1881, 1887 or 1888 | 82.1 | 83.2 | 85.4 | 79.5 | 87.2 | 86.9 | 76.9 | 80.6 | 76.6 | 74.8 | 81.1 | 85.4 |
| 1889 or 1890, 1898 | 78.6 | 84.6 | 79.3 | 76.0 | 78.7 | 79.0 | 76.9 | 84.3 | 76.6 | 73.9 | 77.0 | 80.0 |
| 1899–1909 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## SUMMARY FOR THE UNITED STATES.

The summary of average wage rates for the United States, contained in Table 23, shows that the wages paid in 1909 for outdoor labor of men on farms, with board, were higher than in any of the other 18 years covered by the series of investigations. In 1909 monthly wages paid in hiring by the year exceeded the average for 1866 by 78.9 per cent and the average for 1890 by 35.8 per cent, while in contracts by the season monthly wages in 1909 were 63.9 above those of 1866. The combined averages for yearly and seasonal contracts in 1909 exceeded those of 1892 by 48.4 per cent and showed a gain of 44 per cent over 1899. The daily wages of harvest hands in 1909 exceeded the averages for 1866, 1890, and 1899 by 37.5, 32.4, and 30 per cent, respectively, while the corresponding increases of daily wages paid to farm hands for other work than harvesting were, respectively, 60.9, 43.1, and 37.3 per cent. For every dollar earned, on an average, by a farm laborer in 1866, under contracts which included board, from $1.30 to $1.79 was earned in 1909.

TABLE 23.—*Average wage rates of outdoor labor of men on farms, with board, in the United States, 1866–1909, and percentages of increase.*

| Year. | Per month in hiring by the— | | | Per day for day labor. | |
|---|---|---|---|---|---|
| | Year. | Season. | Year and season. | Harvest. | Other than harvest. |
| 1866 | $10.09 | $12.69 | ..... | $1.04 | $0.64 |
| 1869 | 9.97 | 12.65 | ..... | 1.06 | .63 |
| 1875 | 11.16 | 13.53 | ..... | 1.18 | .68 |
| 1878 | 10.86 | ..... | ..... | 1.04 | .61 |
| 1880 | 11.70 | ..... | ..... | 1.12 | .64 |
| 1881 | 12.32 | ..... | ..... | 1.16 | .67 |
| 1882 | 12.88 | ..... | ..... | 1.20 | .70 |
| 1885 | 13.08 | ..... | ..... | 1.17 | .71 |
| 1888 | 13.29 | ..... | ..... | 1.09 | .72 |
| 1890 | 13.29 | ..... | ..... | 1.08 | .72 |
| 1892 | ..... | ..... | $13.48 | 1.09 | .73 |
| 1893 | ..... | ..... | 13.85 | 1.07 | .72 |
| 1894 | ..... | ..... | 12.70 | .97 | .65 |
| 1895 | ..... | ..... | 12.75 | .96 | .65 |
| 1898 | ..... | ..... | 13.29 | 1.04 | .71 |
| 1899 | ..... | ..... | 13.90 | 1.10 | .75 |
| 1902 | ..... | ..... | 15.51 | 1.23 | .83 |
| 1906 | ..... | ..... | 18.73 | 1.45 | 1.03 |
| 1909 | 18.05 | 20.80 | 20.01 | 1.43 | 1.03 |
| *Percentages of increase.* | | | | | |
| 1866 to 1909 (43 years) | 78.9 | 63.9 | ..... | 37.5 | 60.9 |
| 1890 to 1909 (19 years) | 35.8 | ..... | [1] 48.4 | 32.4 | 43.1 |
| 1899 to 1909 (10 years) | ..... | ..... | 44.0 | 30.0 | 37.3 |

[1] 1892 to 1909, 17 years.

## DIAGRAM OF WAGE MOVEMENT.

Table 24 has been made to exhibit the figures used in drawing the diagram. The table and figure 1 are self-explanatory. In the diagram the effect of industrial depressions upon the rates of wages is apparent at a glance, and also the eventual mount of the rates to higher levels in very recent years.

TABLE 24.—*Average wage rates of outdoor labor of men on farms, with board.*

| Year. | Wage rate per month. | | | Wage rate per day for day labor. | |
|---|---|---|---|---|---|
| | Hiring by the year. | Hiring by the season. | Hiring by the year and season. | Harvest work. | Other than harvest work. |
| 1866 | $10.09 | $12.69 | ..... | $1.04 | $0.64 |
| 1869 | 9.97 | 12.65 | ..... | 1.06 | .63 |
| 1874 or 1875 | 11.16 | 13.53 | ..... | 1.18 | .68 |
| 1877 or 1878 | } 10.86 | ..... | ..... | 1.04 | .61 |
| 1878 or 1879 | | | | | |
| 1879 or 1880 | 11.70 | ..... | ..... | 1.12 | .64 |
| 1880 or 1881 | 12.32 | ..... | ..... | 1.16 | .67 |
| 1881 or 1882 | 12.88 | ..... | ..... | 1.20 | .70 |
| 1884 or 1885 | 13.08 | ..... | ..... | 1.17 | .71 |
| 1887 or 1888 | 13.29 | ..... | ..... | 1.09 | .72 |
| 1889 or 1890 | 13.29 | ..... | ..... | 1.08 | .72 |
| 1891 or 1892 | ..... | ..... | $13.48 | 1.09 | .73 |
| 1893 | ..... | ..... | 13.85 | 1.07 | .72 |
| 1894 | ..... | ..... | 12.70 | .97 | .65 |
| 1895 | ..... | ..... | 12.75 | .96 | .65 |
| 1898 | ..... | ..... | 13.29 | 1.04 | .71 |
| 1899 | ..... | ..... | 13.90 | 1.10 | .75 |
| 1902 | ..... | ..... | 15.51 | 1.23 | .83 |
| 1906 | ..... | ..... | 18.73 | 1.45 | 1.03 |
| 1909 | 18.05 | 20.80 | 20.01 | 1.43 | 1.03 |

## ELEMENTS OF REAL WAGES.

### EXTRAS RECEIVED BY LABORERS.

Rates of wages do not express the real wages often received by the farm laborer in this country. There were various extras apart from board. He may receive, without any money reckoning as to value, the use of dwelling and garden, stable for cow or horse; feed for cow,

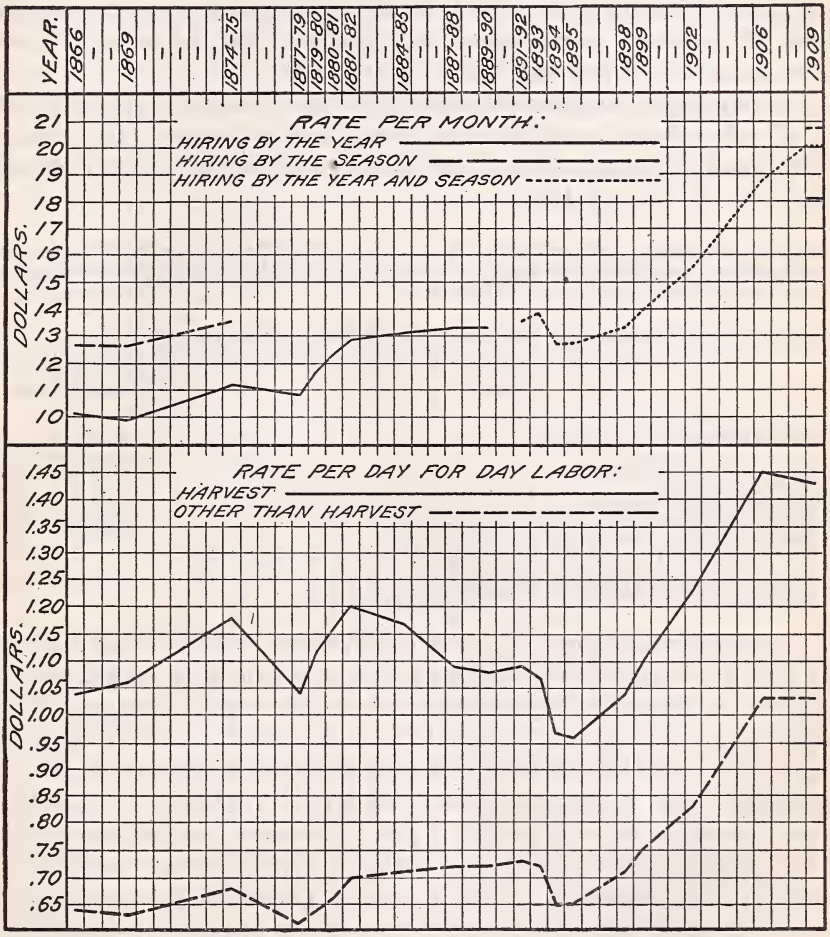


FIG. 1.—Diagram showing average wage rates of outdoor labor of men on farms, with board, in the United States.

horse, swine, or poultry; pasture for cow, horse, or swine; butter, eggs, milk, fruit, vegetables for family use; firewood for his dwelling and the use of a team to haul it; the occasional use of a team for hauling for other purposes; the laborer may receive in addition to his rate of wages one meal a day, or laundry service, or occasional use of horse and buggy.

All of the various extras or allowances in addition to rates of wages are not made to the same laborer, nor is any one or more of these allowances made to every laborer, but the general fact is that these allowances as made in practice amount to a considerable addition to the money rate of wages.

The Commissioner of Labor of Michigan investigated this subject in 1895 and found that, of 4,412 farm laborers, 26.7 per cent received the use of dwelling in addition to money wages, 23.3 per cent received fuel, 19.9 per cent cow pasture, 24.5 per cent had the benefit of use of team, and 28.4 per cent had a garden plot.

The Michigan bureau determined that the average monthly value of all allowances in addition to money rate of wages (the above-mentioned items are not all) per laborer receiving one or more allowances was $6.22, as follows:

TABLE 25.—*Percentage of male laborers on farms in Michigan who received specified allowances in addition to money rate of wages in hiring by the year, or season, 1894, and average monthly value of all allowances.*

[Twelfth Annual Report of the Commissioner of Labor of Michigan, 1895, pp. 231, 425.]

| Item. | Number. | Per cent. |
|---|---|---|
| Laborers for whom report was made | 4,412 | ..... |
| Laborers receiving use of house | 1,180 | 26.7 |
| Laborers receiving fuel | 1,029 | 23.3 |
| Laborers receiving cow pasture | 878 | 19.9 |
| Laborers receiving team work | 1,080 | 24.5 |
| Laborers receiving use of garden plot | 1,251 | 28.4 |

Average monthly value of all allowances in addition to money rate of wages (the above-mentioned items are not all) per laborer receiving one or more allowances, $6.22.

In the investigation of the rates of farm labor made by this bureau in 1909 an attempt was made to get information with regard to the subject of allowances supplementary to money rates of wages. The subject is a difficult one to handle by mail, which was this bureau's dependence, and it was a foregone conclusion that the results of the inquiries could be no more than indicative. Subject to imperfections, which must be expected, Table 26 is offered as embracing the average values of the various allowances supplementary to rates of wages. The allowance for each item is expressed as a value per month in addition to money rate of wages in contracts of hiring by the year or season.

It appears that the average monthly value of the house or dwelling, garden, and other appurtenances, the use of which was a part of the real wages paid without board, ranged from $1.75 to $5 in the United States, and the amount when wages were paid with board ranged from $1 to $4.50.

The average value for feed for cow, horse, swine, or poultry, per month, ranged from $1.11 to $3.11; the value of pasturage for cow,

horse, or swine ranged from 65 cents to $1.61; the value of firewood for family use and the team to haul it ranged from $1.06 to $2.39; the occasional use of team for hauling was valued at 48 cents to $1.70, and the occasional use of horse and buggy, probably reaching as high a frequency as weekly use, ranged from 87 cents to $2.37.

The estimated value of the fruit given to the family of the laborer was reported to be worth from 80 cents to $1.64 per month; the value of the stabling for the laborer's horse, if he had one, was estimated to be 45 cents to $2 per month; and the laundry service for the laborer was reported by correspondents to range from 75 cents to $2 a month.

What all of the extras or allowances given to each laborer on the average were worth it was impossible to ascertain. The amounts found in Table 26, however, are sufficient to indicate a considerable addition on this account to the money rate of wages.

TABLE 26.—*Monthly value of allowances usually made to male outdoor laborers under contract by the year, or season, in addition to the money rate of wages, by States and geographic divisions, 1909.*

[Generally only one or a few allowances are made to the same laborer. Those reported by correspondents are usual only in their respective communities, hence there are varying degrees of prevalence throughout a State, and this is important in a comparison of allowances, and of States.]

| State and geographic division. | House, garden, and other appurtenances. | | Without and with board. | | | | | Without board. | With board. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Without board. | With board. | Feed for cow, horse, swine, or poultry. | Pasturage, for cow, horse, or swine. | Firewood for family and team to haul it. | Occasional use of team for hauling. | Use of horse and buggy occasionally. | Fruit for family. | Stable for horse. | Washing and ironing. |
| Maine | $1.75 | ..... | ..... | ..... | ..... | ..... | $1.40 | ..... | ..... | $0.75 |
| New Hampshire | 3.12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Vermont | 4.17 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Massachusetts | 2.38 | ..... | ..... | ..... | ..... | ..... | ..... | $1.25 | ..... | ..... |
| Rhode Island | 3.50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Connecticut | 3.00 | ..... | ..... | ..... | ..... | ..... | 1,00 | ..... | ..... | 2.00 |
| New York | 3.44 | $3.20 | $2.09 | $1.33 | $1.79 | $0.90 | 1.31 | .89 | $0.61 | 1.12 |
| New Jersey | 3.77 | 3.23 | 2.03 | 1.60 | 1.96 | 1.38 | 1.22 | .80 | 1.12 | 1.47 |
| Pennsylvania | 3.55 | 3.22 | 1.90 | 1.10 | 1.40 | .60 | 1.01 | .82 | .70 | 1.16 |
| Delaware | 3.21 | 4.10 | ..... | .75 | 1.86 | .73 | 1.83 | 1.08 | ..... | 1.00 |
| Maryland | 3.41 | 2.98 | 2.29 | 1.17 | 1.66 | .48 | .87 | 1.11 | .48 | .95 |
| Virginia | 2.49 | 2.35 | 1.59 | 1.01 | 1.40 | .96 | 1.29 | .85 | .67 | 1.00 |
| West Virginia | 2.41 | 2.29 | 1.36 | 1.10 | 1.36 | .70 | 1.27 | 1.01 | .67 | 1.21 |
| North Carolina | 2.32 | 1.79 | 1.11 | .85 | 1.28 | .83 | 1.11 | .85 | .65 | .81 |
| South Carolina | 2.31 | 2.19 | 1.51 | .68 | 1.27 | .82 | 1.15 | .97 | .74 | .86 |
| Georgia | 2.43 | 2.03 | 1.39 | .88 | 1.27 | .82 | 1.05 | .83 | .57 | 1.00 |
| Florida | 2.93 | 2.19 | 2.12 | .82 | 1.10 | .95 | 1.26 | 1.28 | .88 | 1.18 |
| Ohio | 3.60 | ..... | 2.07 | 1.40 | 1.61 | .91 | 1.24 | .71 | .83 | 1.13 |
| Indiana | 3.71 | ..... | 2.19 | 1.29 | 1.57 | .88 | 1.32 | .89 | .80 | 1.12 |
| Illinois | 4.19 | ..... | 2.09 | 1.21 | 1.53 | .95 | 1.32 | 1.09 | .94 | 1.14 |
| Michigan | 3.24 | ..... | 2.24 | 1.17 | 2.13 | .88 | 1.63 | .90 | .86 | 1.13 |
| Wisconsin | 4.05 | ..... | 2.39 | 1.06 | 2.09 | 1.16 | 1.80 | .62 | .79 | 1.20 |
| Minnesota | 3.46 | ..... | 2.14 | 1.05 | 2.11 | ..... | 1.90 | ..... | 1.41 | 1.21 |
| Iowa | 4.53 | ..... | 1.94 | 1.03 | 1.81 | .81 | 1.63 | .95 | .78 | 1.14 |
| Missouri | 3.41 | ..... | 1.50 | 1.05 | 1.32 | .91 | 1.31 | .99 | .77 | 1.08 |
| North Dakota | 4.71 | ..... | 3.05 | 1.46 | 1.33 | 1.26 | 2.22 | ..... | 1.08 | 1.35 |
| South Dakota | 4.15 | ..... | 2.20 | 1.15 | 1.42 | 1.48 | 2.39 | ..... | 1.46 | 1.31 |
| Nebraska | 3.94 | ..... | 2.43 | .95 | 1.63 | 1.60 | 1.94 | ..... | .93 | 1.21 |
| Kansas | 4.16 | ..... | 1.79 | 1.00 | 1.39 | .95 | 1.79 | 1.09 | .80 | 1.18 |
| Kentucky | 2.90 | 2.30 | 2.02 | 1.28 | 1.37 | .94 | 1.23 | 1.12 | .92 | 1.10 |
| Tennessee | 2.57 | 1.86 | 1.26 | 1.02 | 1.24 | .99 | 1.31 | .83 | .46 | .97 |
| Alabama | 2.32 | 1.87 | 2.02 | .73 | 1.09 | .86 | 1.11 | .92 | .65 | 1.02 |
| Mississippi | 2.71 | 2.60 | 1.47 | .65 | 1.17 | .84 | 1.08 | .94 | .61 | .93 |
| Louisiana | 3.30 | 2.26 | 1.62 | .85 | 1.08 | .98 | 1.37 | ..... | .66 | 1.19 |

TABLE 26.—*Monthly value of allowances usually made to male outdoor laborers under contract by the year, or season, in addition to the money rate of wages, by States and geographic divisions, 1909*—Continued.

| State and geographic division. | House, garden, and other appurtenances. | | Without and with board. | | | | | Without board. | With board. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Without board. | With board. | Feed for cow, horse, swine, or poultry. | Pasturage, for cow, horse, or swine. | Firewood for family and team to haul it. | Occasional use of team for hauling. | Use of horse and buggy occasionally. | Fruit for family. | Stable for horse. | Washing and ironing. |
| Texas | $3.50 | $3.31 | $1.49 | $0.82 | $1.33 | $1.11 | $1.24 | $0.95 | $0.95 | $1.08 |
| Oklahoma | 3.51 | ..... | 1.68 | .75 | 1.58 | 1.29 | 1.60 | ..... | .78 | 1.18 |
| Arkansas | 2.55 | 2.12 | 1.65 | .85 | 1.06 | .99 | 1.47 | .88 | .45 | 1.02 |
| Montana | 5.00 | 1.00 | ..... | .83 | 2.25 | ..... | ..... | ..... | ..... | ..... |
| Colorado | 4.51 | ..... | 2.33 | 1.40 | 1.83 | 1.70 | 1.99 | ..... | 1.25 | 1.44 |
| New Mexico | 2.17 | 1.50 | 1.64 | 1.40 | 2.08 | 1.33 | 2.00 | ..... | 1.00 | 1.19 |
| Idaho | 5.00 | ..... | 2.25 | 1.10 | ..... | 1.35 | 1.83 | ..... | 2.00 | 1.50 |
| Washington | 4.62 | 4.50 | 2.19 | 1.16 | 1.63 | 1.51 | 2.09 | 1.64 | ..... | 1.58 |
| Oregon | 4.71 | 2.00 | 3.11 | 1.61 | 1.65 | 1.39 | 2.33 | 1.12 | ..... | 1.30 |
| California | 4.14 | 2.00 | 2.80 | 1.32 | 2.39 | 1.34 | 1.55 | .88 | ..... | 1.50 |
| Geographic division: | | | | | | | | | | |
| N. Atlantic. From | 1.75 | 3.20 | 1.90 | 1.10 | 1.40 | .60 | 1.01 | .80 | .61 | .75 |
| N. Atlantic. To | 4.17 | 3.23 | 2.09 | 2.00 | 1.96 | 1.38 | 1.40 | 1.25 | 1.12 | 2.00 |
| S. Atlantic. From | 2.31 | 1.79 | 1.11 | .68 | 1.10 | .48 | .87 | .83 | .65 | .81 |
| S. Atlantic. To | 3.41 | 4.10 | 2.29 | 1.17 | 1.66 | .96 | 1.83 | 1.28 | .88 | 1.21 |
| N. Central. From | 3.24 | ..... | 1.50 | .95 | 1.32 | .81 | 1.24 | .62 | .77 | 1.08 |
| N. Central. To | 4.53 | ..... | 3.05 | 1.29 | 2.13 | 1.60 | 2.37 | 1.09 | 1.46 | 1.35 |
| S. Central. From | 2.32 | 1.86 | 1.26 | .65 | 1.06 | .84 | 1.08 | .83 | .45 | .93 |
| S. Central. To | 3.51 | 2.60 | 2.02 | 1.28 | 1.58 | 1.29 | 1.65 | 1.12 | .95 | 1.19 |
| Western. From | 2.17 | 1.00 | 1.64 | .83 | 1.63 | 1.00 | 1.55 | .88 | 1.00 | 1.19 |
| Western. To | 5.00 | 4.50 | 3.11 | 1.61 | 2.39 | 1.70 | 2.33 | 1.64 | 2.00 | 1.58 |
| United States. From | 1.75 | 1.00 | 1.11 | .65 | 1.06 | .48 | .87 | .80 | .45 | .75 |
| United States. To | 5.00 | 4.50 | 3.11 | 1.61 | 2.39 | 1.70 | 2.37 | 1.64 | 2.00 | 2.00 |

## PURCHASING POWER OF MONEY WAGES.

Another element of real wages remaining to be considered is their purchasing power, and for this purpose Table 27 has been constructed to compare workingmen with farm laborers. It is entirely a table of index numbers. The purchasing power of the wages of workingmen is measured by the retail prices of food. The mean for the years 1890–1898 is represented by 100. For concise comparisons, the entire period of years has been divided into two periods and a mean for each of the two periods has been computed; the mean for the former one, 1890–1898, being, as stated, 100. The second period includes the years 1899–1907.

The index number for 1890–1898 being 100, the number representing the full-time weekly earnings for workingmen in the period 1899–1907 is 111.2. The index number for the latter period for the wage rate of the outdoor labor of men on farms per month in hiring by the year and season is 121; the rate per day for day labor on the farm in harvest work has the index number of 122.5; and the rate for day labor other than harvest work has the index number of 126.6.

These comparisons establish the conclusion that the money wage rates of farm labor have increased during the 18 years covered in a

considerably greater degree than the wages of workingmen in non-agricultural occupations.

In the purchasing power of wages in terms of retail prices of food the workingmen barely gain from the first period to the second, the mean index number for the second period being 101.4. For the farm laborer the gain was from about 10 to 15 per cent, so that, notwithstanding the great rate of increase of retail prices of food, the rates of wages of farm labor increased in degrees sufficient to make as a net result a substantial rate of increase. The subject may be examined in detail by referring to Table 27.

TABLE 27.—*Comparative wages of workingmen and of farm laborers, and comparative retail prices of food, total for the United States, 1890–1907.*

[100.0=mean for 1890–1898.]

| Year. | United States Bureau of Labor, index number. | | | Wage rate of outdoor labor of men on farms. | | | Purchasing power measured by retail prices of food. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Full-time weekly earnings for workingmen. | Retail prices of food weighted according to family consumption. | Purchasing power measured by retail prices of food. | Per month in hiring by the year and season. | Per day for day labor. | | Per month in hiring by the year and season. | Per day for day labor. | |
| | | | | | Harvest work. | Other than harvest work. | | Harvest work. | Other than harvest work. |
| 1890 | 101.1 | 102.3 | 98.8 | 100.9 | 107.0 | 105.4 | 98.6 | 104.6 | 103.0 |
| 1891 | 100.9 | 103.7 | 97.3 | 102.4 | 107.0 | 105.4 | 98.7 | 103.2 | 101.6 |
| 1892 | 101.4 | 101.8 | 99.6 | 103.8 | 107.8 | 106.5 | 102.0 | 105.9 | 104.6 |
| 1893 | 101.3 | 104.3 | 97.1 | 103.6 | 100.8 | 100.0 | 99.3 | 96.6 | 95.9 |
| 1894 | 97.8 | 99.6 | 98.2 | 96.3 | 91.5 | 91.3 | 96.7 | 91.9 | 91.7 |
| 1895 | 98.5 | 97.7 | 100.8 | 97.2 | 92.2 | 92.4 | 99.5 | 94.4 | 94.6 |
| 1896 | 99.6 | 95.4 | 104.4 | 97.9 | 94.6 | 95.7 | 102.6 | 99.2 | 100.3 |
| 1897 | 99.3 | 96.2 | 103.2 | 98.7 | 97.7 | 98.9 | 102.6 | 101.6 | 102.8 |
| 1898 | 100.0 | 98.6 | 101.4 | 99.4 | 100.0 | 102.2 | 100.8 | 101.4 | 103.7 |
| 1899 | 101.3 | 99.4 | 101.9 | 103.6 | 104.7 | 107.6 | 104.2 | 105.3 | 108.2 |
| 1900 | 104.2 | 101.0 | 103.2 | 107.3 | 108.5 | 110.9 | 106.2 | 107.4 | 109.8 |
| 1901 | 106.0 | 105.1 | 100.9 | 111.1 | 113.2 | 115.2 | 105.7 | 107.7 | 109.6 |
| 1902 | 109.3 | 110.8 | 98.6 | 114.7 | 117.1 | 118.5 | 103.5 | 105.7 | 106.9 |
| 1903 | 112.4 | 110.2 | 102.0 | 120.0 | 121.7 | 123.9 | 108.9 | 110.4 | 112.4 |
| 1904 | 112.3 | 111.6 | 100.6 | 125.3 | 126.4 | 130.4 | 112.3 | 113.3 | 116.8 |
| 1905 | 114.1 | 112.3 | 101.6 | 130.5 | 131.8 | 137.0 | 116.2 | 117.4 | 122.0 |
| 1906 | 118.6 | 115.6 | 102.6 | 135.8 | 136.4 | 143.5 | 117.5 | 118.0 | 124.1 |
| 1907 | 122.5 | 120.5 | 101.7 | 141.1 | 141.1 | 150.0 | 117.1 | 117.1 | 124.5 |
| Mean: | | | | | | | | | |
| 1890–1898 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1899–1907 | 111.2 | 109.7 | 101.4 | 121.0 | 122.5 | 126.6 | 110.1 | 111.5 | 115.2 |

## COMPUTED ALLOWANCE FOR COST OF BOARD.

### VARIATIONS IN DIFFERENT FORMS OF CONTRACT.

By subtracting wage rates with board from wage rates without board a difference is obtained which nominally stands for the farmers' estimate of the value of board to the laborers. How closely these differences represent the true value of board it is not the purpose of this investigation to determine. The differences that have been

taken for the wage rates of this bulletin for the outdoor labor of men may be found in Tables 28 to 31.

In hiring by the year the value of board as determined by subtraction appears to be $5.41 per month in 1866; $6.20 in 1880, or 1881; and $7.41 in 1909.

The board values per month in hiring by the season were ascertainable only for 1866, 1869, 1874 or 1875, and 1909, for which years they are almost exactly the same as in the case of hiring by the year.

The board values ascertained for hiring by the day for day labor are, of course, for the same period as that covered by the rate of wages, or for the day. For all harvest work the board value in 1866 is found to be 30 cents per day, and after some increase remained at 30 cents per day in 1891 or 1892; it dropped to the low average of 21 cents in the industrial depression prevailing in 1894 and rose to 31 cents in 1906, from which amount it fell to 28 cents in 1909.

The board values in the case of day labor other than harvest work are below the amounts found in the case of harvest work for every year. The board value in the case of labor other than harvest was 26 cents in 1866 and the highest value reached since that time was 29 cents in 1906, from which there was a decline to 26 cents in 1909, or the board value of 1866.

## HIGHER WAGE RATES FOR HARVEST THAN OTHER DAY LABOR.

By taking differences between wage rates it is possible also to ascertain how much higher the day rates are for day labor in harvest work than for labor other than harvest work.

The difference in favor of harvest work without board was 44 cents in 1866 and it rose to 57 cents in 1880 or 1881, after which there was a decline to 34 cents in 1894. After that year the difference increased to 44 cents in 1906, but from that year fell to 42 cents in 1909. Details by States and geographic divisions may be found in Table 31. The difference between harvest and nonharvest work in the rates of day wages are a little less when board is included than when it is not, as may be observed by comparing Table 33 with Table 32.

## SEASON HIGHER THAN YEAR IN MONTHLY RATES.

Again, by taking differences between wage rates, it may be ascertained whether the monthly wage rates in hiring by the year are greater or less than those in hiring by the season, by how much, and with and without board, and the results with regard to this matter may be found in Table 34. Only four years can be included, 1866, 1869, 1874 or 1875, and 1909. It appears that in 1866 the wage rate in hiring by the season without board was higher than when the

hiring was by the year by $2.58, and that the difference in favor of hiring by the season without board was $2.76 in 1909. The differences in hiring with board are very nearly the same as the foregoing.

TABLE 28.—*Difference between with board and without board in average wage rates of outdoor labor of men on farms, per month in hiring by the year, or by the season, by States and geographic divisions, 10 investigations from 1866 to 1909.*

| State and geographic division. | Hiring by the year. | | | | | | | | | | | Hiring by the season. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 | 1909 | 1866 | 1869 | 1874 or 1875 | 1909 |
| Maine | $6.73 | $7.16 | $8.21 | $7.13 | $8.22 | $7.82 | $8.60 | $7.09 | $7.44 | $7.50 | $9.98 | $6.12 | $7.02 | $7.56 | $10.84 |
| New Hampshire | 7.22 | 7.70 | 8.96 | 7.40 | 8.14 | 7.36 | 8.53 | 7.05 | 7.38 | 7.55 | 13.08 | 7.53 | 7.85 | 9.76 | 12.59 |
| Vermont | 8.34 | 8.07 | 8.94 | 7.46 | 6.50 | 7.97 | 7.37 | 6.80 | 6.85 | 7.45 | 10.59 | 8.25 | 8.60 | 9.34 | 10.58 |
| Massachusetts | 11.67 | 10.12 | 10.08 | 9.61 | 13.20 | 9.89 | 12.41 | 10.90 | 11.50 | 11.50 | 14.90 | 9.70 | 9.73 | 13.23 | 14.87 |
| Rhode Island | 9.79 | 8.99 | 9.55 | ..... | .... | 8.00 | 10.75 | 10.80 | 10.25 | 11.20 | 16.45 | 9.62 | 9.18 | 10.85 | 19.79 |
| Connecticut | 8.95 | 8.99 | 8.46 | 9.01 | 9.40 | 13.00 | 10.53 | 10.47 | 10.23 | 9.67 | 12.34 | 8.00 | 9.55 | 11.06 | 12.28 |
| New York | 7.22 | 7.81 | 8.11 | 7.38 | 6.82 | 8.32 | 8.27 | 7.48 | 7.83 | 7.80 | 8.52 | 7.48 | 8.26 | 8.61 | 9.00 |
| New Jersey | 9.36 | 9.61 | 12.09 | 8.64 | 8.83 | 9.50 | 10.05 | 9.50 | 7.60 | 9.10 | 11.37 | 6.58 | 8.74 | 15.07 | 11.63 |
| Pennsylvania | 7.80 | 7.80 | 8.50 | 8.41 | 7.65 | 8.67 | 8.67 | 8.40 | 7.74 | 8.20 | 9.58 | 7.91 | 7.92 | 9.97 | 9.85 |
| Delaware | 8.22 | 6.61 | 7.52 | 7.46 | 6.00 | ..... | 5.70 | 5.70 | 5.75 | 6.20 | 9.47 | 7.74 | 5.51 | 7.95 | 8.96 |
| Maryland | 5.35 | 7.01 | 7.47 | 5.02 | 5.49 | 6.21 | 6.45 | 6.70 | 6.64 | 6.42 | 7.97 | 5.81 | 6.91 | 7.63 | 7.75 |
| Virginia | 3.84 | 4.14 | 4.89 | 3.32 | 4.05 | 4.23 | 4.79 | 4.61 | 4.57 | 4.74 | 5.92 | 3.61 | 3.88 | 4.44 | 6.24 |
| West Virginia | 6.26 | 5.52 | 6.64 | 6.01 | 6.68 | 6.11 | 6.70 | 6.60 | 6.49 | 6.60 | 7.65 | 5.74 | 6.02 | 6.31 | 7.74 |
| North Carolina | 3.74 | 3.56 | 4.02 | 3.51 | 3.82 | 3.88 | 4.06 | 3.94 | 4.41 | 4.03 | 5.44 | 3.65 | 3.62 | 3.91 | 5.52 |
| South Carolina | 3.06 | 3.08 | 4.04 | 3.57 | 3.06 | 2.48 | 4.00 | 3.75 | 4.25 | 3.48 | 3.82 | 3.20 | 2.69 | 3.53 | 3.70 |
| Georgia | 4.11 | 3.67 | 4.87 | 3.33 | 2.95 | 3.99 | 4.16 | 3.74 | 3.79 | 4.76 | 5.00 | 4.49 | 3.61 | 4.16 | 5.19 |
| Florida | 4.14 | 3.81 | 4.12 | 5.04 | 5.08 | 6.47 | 6.44 | 6.43 | 6.67 | 6.76 | 9.00 | 4.29 | 5.32 | 7.72 | 8.71 |
| Ohio | 6.69 | 7.05 | 6.71 | 7.34 | 7.07 | 7.64 | 8.25 | 7.50 | 7.21 | 7.00 | 7.53 | 6.54 | 7.38 | 6.09 | 7.47 |
| Indiana | 6.33 | 6.16 | 7.00 | 7.40 | 7.22 | 6.63 | 7.49 | 6.90 | 7.20 | 7.47 | 6.22 | 6.34 | 7.09 | 7.76 | 6.62 |
| Illinois | 6.91 | 7.07 | 7.23 | 7.56 | 7.14 | 7.28 | 6.77 | 6.90 | 7.20 | 6.90 | 7.13 | 6.90 | 7.17 | 8.02 | 6.68 |
| Michigan | 7.59 | 8.06 | 8.47 | 8.19 | 8.22 | 8.01 | 8.49 | 7.86 | 8.20 | 8.05 | 7.80 | 7.60 | 7.09 | 8.76 | 8.82 |
| Wisconsin | 7.72 | 8.52 | 7.85 | 7.21 | 7.27 | 7.89 | 8.31 | 6.76 | 7.85 | 7.60 | 8.64 | 7.78 | 8.20 | 8.08 | 9.65 |
| Minnesota | 7.43 | 7.83 | 8.51 | 8.87 | 7.78 | 9.82 | 8.61 | 8.75 | 8.07 | 8.00 | 10.84 | 7.90 | 8.30 | 8.54 | 10.54 |
| Iowa | 6.67 | 7.72 | 7.16 | 8.14 | 9.52 | 7.98 | 8.26 | 8.33 | 8.26 | 8.41 | 8.74 | 6.63 | 8.22 | 7.16 | 7.84 |
| Missouri | 6.10 | 5.94 | 5.43 | 5.71 | 6.14 | 6.19 | 8.44 | 6.85 | 6.80 | 6.25 | 7.33 | 6.46 | 6.19 | 5.68 | 7.13 |
| North Dakota | 7.18 | ..... | 10.42 | 11.92 | 9.07 | 10.63 | ..... | 7.95 | 7.64 | 7.65 | 13.85 | 7.04 | ..... | 11.13 | 13.59 |
| South Dakota | | | | | | | | | | | 11.60 | | | | 10.06 |
| Nebraska | 9.66 | 10.33 | 8.03 | 8.13 | 9.96 | 9.91 | 8.25 | 8.50 | 8.41 | 8.90 | 10.80 | 10.60 | 9.27 | 8.58 | 10.37 |
| Kansas | 10.01 | 7.77 | 7.42 | 7.35 | 8.35 | 8.43 | 7.98 | 8.70 | 8.20 | 7.70 | 9.82 | 7.71 | 7.87 | 7.51 | 9.51 |
| Kentucky | 4.63 | 4.60 | 5.31 | 5.14 | 5.53 | 5.42 | 6.45 | 5.11 | 5.18 | 5.15 | 5.10 | 4.75 | 4.74 | 5.60 | 5.31 |
| Tennessee | 4.52 | 4.27 | 4.51 | 4.01 | 3.95 | 5.57 | 4.26 | 4.14 | 4.00 | 4.11 | 5.51 | 3.80 | 4.09 | 5.09 | 5.32 |
| Alabama | 2.53 | 3.43 | 3.64 | 4.87 | 4.00 | 3.79 | 4.06 | 3.90 | 4.10 | 4.15 | 5.30 | 3.79 | 3.58 | 4.08 | 5.51 |
| Mississippi | 3.62 | 4.33 | 4.48 | 4.01 | 3.75 | 4.95 | 5.01 | 4.60 | 4.94 | 4.88 | 5.64 | 4.07 | 2.36 | 4.77 | 5.55 |
| Louisiana | 5.69 | 6.43 | 5.38 | 5.10 | 4.36 | 5.20 | 5.51 | 4.79 | 4.25 | 4.19 | 5.68 | 2.75 | 6.33 | 5.39 | 5.56 |
| Texas | 4.43 | 4.12 | 5.32 | 6.74 | 5.39 | 5.81 | 6.17 | 5.15 | 6.60 | 6.55 | 6.60 | 4.91 | 3.08 | 5.73 | 6.70 |
| Oklahoma | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 8.63 | ..... | ..... | ..... | 7.63 |
| Arkansas | 5.92 | 6.35 | 6.51 | 5.78 | 5.88 | 6.27 | 6.25 | 5.08 | 5.84 | 5.85 | 6.18 | 7.15 | 6.23 | 4.60 | 6.43 |
| Montana | ..... | ..... | ..... | ..... | ..... | 14.50 | ..... | ..... | 12.50 | 12.70 | 14.00 | ..... | ..... | 13.44 | 15.79 |
| Wyoming | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12.00 | 11.00 | 10.50 | ..... | ..... | 13.66 | 9.15 |
| Colorado | 25.38 | ..... | 17.36 | ..... | ..... | 14.62 | 9.42 | 11.75 | 13.00 | 12.75 | 14.12 | 29.16 | ..... | 14.94 | 14.04 |
| New Mexico | 8.50 | ..... | 8.50 | 8.30 | 8.20 | 11.00 | ..... | 11.25 | 10.50 | 9.67 | 8.45 | 5.00 | ..... | 7.59 | 8.57 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 9.00 | 11.50 | 13.19 | ..... | ..... | ..... | 12.91 |
| Utah | 18.39 | ..... | 10.17 | 8.37 | 9.60 | 13.56 | ..... | 9.00 | 11.20 | 11.30 | 12.76 | 19.81 | ..... | 8.67 | 15.64 |
| Nevada | 15.00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 11.00 | 12.00 | 10.75 | 15.00 | ..... | ..... | 15.40 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12.75 | 12.75 | 12.59 | ..... | ..... | ..... | 12.19 |
| Washington | 16.00 | ..... | ..... | ..... | ..... | 14.50 | ..... | 12.08 | 10.20 | 12.60 | 13.21 | 16.00 | ..... | 7.94 | 12.86 |
| Oregon | 13.22 | ..... | 12.58 | 11.59 | 13.97 | 11.90 | 8.75 | 12.75 | 9.56 | 9.60 | 11.21 | 12.60 | ..... | 9.58 | 10.78 |
| California | 15.36 | 17.69 | 15.90 | 14.73 | 13.81 | 12.33 | 14.80 | 13.75 | 12.41 | 13.10 | 14.02 | 15.61 | 15.29 | 14.05 | 12.86 |
| Geographic div.: | | | | | | | | | | | | | | | |
| North Atlantic | 8.11 | 8.23 | 8.83 | 7.98 | 7.81 | 8.78 | 8.84 | 8.21 | 8.13 | 8.39 | 10.16 | 7.74 | 8.38 | 10.06 | 10.55 |
| South Atlantic | 3.99 | 3.92 | 4.76 | 3.79 | 3.84 | 4.10 | 4.61 | 4.44 | 4.60 | 4.63 | 5.66 | 4.08 | 3.84 | 4.48 | 5.73 |
| North Central | 6.92 | 7.15 | 7.12 | 7.45 | 7.55 | 7.55 | 7.83 | 7.49 | 7.62 | 6.44 | 8.33 | 6.89 | 7.34 | 7.32 | 8.22 |
| South Central | 4.08 | 4.48 | 4.78 | 5.05 | 4.66 | 5.20 | 5.34 | 4.64 | 4.93 | 4.79 | 6.02 | 4.16 | 4.00 | 4.94 | 5.91 |
| Western | 14.40 | 17.69 | 13.64 | 11.54 | 11.88 | 12.22 | 12.79 | 13.08 | 11.65 | 12.14 | 13.05 | 14.01 | 15.29 | 11.58 | 12.72 |
| United States | 5.41 | 5.53 | 5.94 | 5.93 | 5.83 | 6.20 | 6.23 | 6.14 | 6.38 | 6.16 | 7.41 | 5.39 | 5.41 | 6.07 | 7.42 |

TABLE 29.—*Difference between with board and without board in average wage rates of outdoor labor of men on farms, per month in hiring by the year and season, by States and geographic divisions, 10 investigations from 1891 to 1909.*

[Average of year and season contracts.]

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $7.50 | $8.19 | $7.56 | $8.97 | $8.45 | $8.58 | $8.57 | $9.88 | $9.98 |
| New Hampshire | 7.50 | 9.76 | 9.65 | 11.26 | 9.41 | 9.74 | 13.10 | 11.30 | 13.08 |
| Vermont | 7.22 | 7.35 | 6.79 | 9.43 | 8.38 | 8.75 | 10.05 | 10.08 | 10.59 |
| Massachusetts | 11.70 | 12.60 | 11.97 | 12.91 | 12.90 | 12.93 | 13.86 | 14.45 | 14.90 |
| Rhode Island | 11.25 | 11.44 | 10.77 | 10.81 | 11.77 | 12.21 | 10.98 | 12.35 | 16.45 |
| Connecticut | 9.88 | 14.11 | 12.23 | 13.23 | 11.88 | 12.76 | 11.27 | 14.58 | 12.34 |
| New York | 8.05 | 7.73 | 7.55 | 7.50 | 7.26 | 7.36 | 8.08 | 9.02 | 8.52 |
| New Jersey | 8.75 | 10.09 | 9.56 | 10.26 | 10.00 | 10.11 | 10.47 | 11.37 | 11.37 |
| Pennsylvania | 8.00 | 8.65 | 8.29 | 8.27 | 8.12 | 8.39 | 9.52 | 9.45 | 9.58 |
| Delaware | 6.75 | 7.31 | 7.46 | 7.19 | 6.53 | 6.57 | 7.74 | 7.51 | 9.47 |
| Maryland | 6.17 | 6.53 | 6.50 | 6.48 | 6.39 | 6.39 | 7.04 | 7.75 | 7.97 |
| Virginia | 5.83 | 4.56 | 4.49 | 4.56 | 4.34 | 4.39 | 5.21 | 5.79 | 5.92 |
| West Virginia | 6.75 | 6.24 | 6.11 | 6.28 | 6.15 | 6.30 | 7.10 | 7.86 | 7.65 |
| North Carolina | 4.52 | 3.94 | 3.78 | 3.79 | 3.79 | 3.83 | 4.18 | 5.24 | 5.44 |
| South Carolina | 4.10 | 3.04 | 2.85 | 2.98 | 2.71 | 2.72 | 3.42 | 4.41 | 3.82 |
| Georgia | 4.50 | 3.55 | 3.41 | 3.21 | 3.29 | 3.33 | 4.06 | 4.96 | 5.00 |
| Florida | 6.40 | 6.57 | 6.65 | 6.35 | 6.00 | 6.08 | 6.90 | 8.24 | 9.00 |
| Ohio | 7.03 | 6.59 | 6.31 | 6.41 | 6.53 | 6.87 | 7.36 | 7.92 | 7.53 |
| Indiana | 7.75 | 6.18 | 5.83 | 6.09 | 6.09 | 6.42 | 6.86 | 7.17 | 6.22 |
| Illinois | 7.75 | 6.71 | 6.54 | 6.56 | 6.40 | 6.58 | 6.74 | 7.44 | 7.13 |
| Michigan | 8.00 | 7.59 | 7.04 | 6.71 | 6.74 | 7.17 | 7.72 | 8.54 | 7.80 |
| Wisconsin | 8.25 | 8.38 | 8.22 | 8.33 | 7.97 | 8.48 | 8.61 | 10.23 | 8.64 |
| Minnesota | 8.40 | 9.03 | 8.79 | 9.38 | 8.76 | 9.48 | 10.32 | 10.88 | 10.84 |
| Iowa | 8.45 | 7.70 | 7.39 | 7.37 | 7.20 | 7.77 | 8.17 | 8.75 | 8.74 |
| Missouri | 6.30 | 6.01 | 5.66 | 5.61 | 5.66 | 5.87 | 6.19 | 6.80 | 7.33 |
| North Dakota | 9.00 | 11.01 | 10.36 | 10.40 | 10.62 | 11.02 | 11.54 | 12.83 | 13.85 |
| South Dakota | 8.75 | 8.93 | 8.00 | 8.76 | 9.32 | 10.17 | 10.97 | 11.59 | 11.60 |
| Nebraska | 8.95 | 8.31 | 7.74 | 7.41 | 8.00 | 8.53 | 9.51 | 10.50 | 10.80 |
| Kansas | 8.00 | 7.73 | 7.24 | 7.68 | 7.34 | 7.78 | 8.18 | 9.34 | 9.82 |
| Kentucky | 5.10 | 4.69 | 4.48 | 4.55 | 4.31 | 4.40 | 4.74 | 5.31 | 5.10 |
| Tennessee | 4.30 | 3.92 | 3.74 | 3.90 | 3.81 | 3.88 | 4.22 | 4.86 | 5.51 |
| Alabama | 4.58 | 3.93 | 3.69 | 3.91 | 3.67 | 3.93 | 4.19 | 5.44 | 5.30 |
| Mississippi | 4.94 | 3.76 | 3.61 | 3.72 | 3.89 | 3.90 | 4.11 | 5.63 | 5.64 |
| Louisiana | 4.42 | 4.52 | 4.37 | 4.59 | 4.55 | 4.58 | 5.41 | 6.10 | 5.68 |
| Texas | 5.75 | 5.38 | 5.19 | 5.30 | 4.97 | 5.04 | 5.59 | 6.52 | 6.60 |
| Oklahoma | ..... | 6.62 | 6.71 | 4.00 | 6.75 | 7.03 | 7.09 | 8.07 | 8.63 |
| Arkansas | 5.80 | 5.30 | 5.10 | 4.58 | 4.50 | 4.55 | 5.25 | 5.98 | 6.18 |
| Montana | 11.50 | 13.08 | 11.86 | 12.22 | 10.63 | 10.66 | 13.04 | 15.18 | 14.00 |
| Wyoming | 11.00 | 12.55 | 13.70 | 10.74 | 12.32 | 12.90 | 11.87 | 14.32 | 10.50 |
| Colorado | 11.00 | 11.76 | 11.45 | 10.36 | 10.74 | 11.13 | 11.91 | 14.05 | 14.12 |
| New Mexico | 9.82 | 8.71 | 8.02 | 9.94 | 7.28 | 6.77 | 10.78 | 10.07 | 8.45 |
| Arizona | 11.00 | 12.76 | 10.37 | 10.11 | 10.43 | 10.03 | 10.66 | 13.77 | 13.19 |
| Utah | 11.20 | 8.64 | 8.82 | 8.81 | 8.56 | 8.71 | 8.54 | 11.14 | 12.76 |
| Nevada | 12.00 | 12.75 | 12.88 | 13.04 | 15.09 | 13.34 | 12.11 | 22.60 | 10.75 |
| Idaho | 12.00 | 10.48 | 10.68 | 10.77 | 10.88 | 11.26 | 11.99 | 14.29 | 12.59 |
| Washington | 12.50 | 11.32 | 10.58 | 10.73 | 10.71 | 11.71 | 12.19 | 14.73 | 13.21 |
| Oregon | 11.25 | 8.59 | 8.32 | 7.25 | 7.84 | 8.34 | 11.22 | 11.89 | 11.21 |
| California | 12.00 | 11.88 | 12.22 | 11.94 | 11.07 | 11.23 | 11.52 | 12.50 | 14.02 |
| Geographic division: | | | | | | | | | |
| North Atlantic | 8.41 | 9.01 | 8.57 | 8.94 | 8.62 | 8.84 | 9.57 | 10.21 | 10.16 |
| South Atlantic | 4.98 | 4.20 | 4.08 | 4.12 | 4.04 | 4.09 | 4.75 | 5.63 | 5.66 |
| North Central | 7.76 | 7.24 | 6.91 | 7.05 | 6.99 | 7.39 | 7.82 | 8.56 | 8.33 |
| South Central | 4.94 | 4.44 | 4.25 | 4.38 | 4.40 | 4.50 | 4.93 | 5.85 | 5.92 |
| Western | 11.58 | 10.84 | 10.83 | 10.90 | 10.17 | 10.45 | 11.48 | 12.84 | 13.05 |
| United States | 6.54 | 6.12 | 5.87 | 5.99 | 5.87 | 6.07 | 6.61 | 7.46 | 7.41 |

TABLE 30.—*Difference between with board and without board in average wage rates of outdoor labor of men on farms, per day for day labor in harvest work, by States and geographic divisions, 19 investigations from 1866 to 1909.*

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 |
|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.32 | $0.38 | $0.44 | $0.33 | $0.38 | $0.49 | $0.30 | $0.39 | $0.35 | $0.35 |
| New Hampshire | .32 | .31 | .37 | .29 | .32 | .36 | .36 | .33 | .30 | .34 |
| Vermont | .33 | .34 | .37 | .32 | .36 | .39 | .40 | .38 | .30 | .31 |
| Massachusetts | .35 | .31 | .35 | .50 | .38 | .37 | .40 | .39 | .42 | .42 |
| Rhode Island | .37 | .46 | .44 | ..... | .25 | .25 | .30 | .35 | .40 | .40 |
| Connecticut | .37 | .37 | .46 | .35 | .41 | .38 | .32 | .32 | .30 | .32 |
| New York | .35 | .40 | .43 | .35 | .40 | .41 | .42 | .46 | .43 | .42 |
| New Jersey | .21 | .40 | .46 | .25 | .34 | .42 | .35 | .39 | .38 | .39 |
| Pennsylvania | .36 | .37 | .43 | .34 | .36 | .29 | .43 | .45 | .38 | .37 |
| Delaware | .33 | .27 | .37 | .37 | .25 | ..... | .35 | .36 | .30 | .25 |
| Maryland | .23 | .36 | .41 | .31 | .34 | .28 | .37 | .36 | .31 | .32 |
| Virginia | .18 | .26 | .23 | .20 | .25 | .25 | .28 | .27 | .20 | .26 |
| West Virginia | .33 | .36 | .31 | .31 | .33 | .31 | .30 | .28 | .28 | .30 |
| North Carolina | .26 | .25 | .15 | .22 | .25 | .23 | .35 | .33 | .21 | .20 |
| South Carolina | .23 | .18 | .14 | .20 | .26 | .15 | .30 | .23 | .23 | .15 |
| Georgia | .29 | .25 | .26 | .36 | .21 | .22 | .30 | .24 | .22 | .21 |
| Florida | .21 | .28 | .25 | .28 | .25 | .24 | .32 | .26 | .26 | .24 |
| Ohio | .33 | .32 | .39 | .34 | .38 | .49 | .38 | .35 | .33 | .30 |
| Indiana | .33 | .29 | .39 | .40 | .38 | .37 | .31 | .30 | .32 | .30 |
| Illinois | .36 | .30 | .32 | .34 | .36 | .35 | .37 | .40 | .35 | .31 |
| Michigan | .33 | .38 | .43 | .47 | .44 | .49 | .37 | .33 | .40 | .40 |
| Wisconsin | .38 | .36 | .41 | .41 | .41 | .39 | .40 | .32 | .36 | .34 |
| Minnesota | .29 | .40 | .45 | .37 | .21 | .53 | .45 | .40 | .45 | .44 |
| Iowa | .36 | .45 | .41 | .09 | .44 | .41 | .44 | .39 | .35 | .21 |
| Missouri | .30 | .34 | .28 | .30 | .35 | .35 | .36 | .32 | .30 | .25 |
| North Dakota, South Dakota | .35 | ..... | .41 | ..... | .36 | .38 | .46 | .38 | .48 | .48 |
| Nebraska | .36 | .30 | .36 | .51 | .38 | .50 | .38 | .43 | .38 | .38 |
| Kansas | .35 | .33 | .34 | .38 | .39 | .41 | .35 | .39 | .35 | .31 |
| Kentucky | .28 | .33 | .28 | .34 | .34 | .31 | .36 | .34 | .28 | .32 |
| Tennessee | .34 | .37 | .37 | .30 | .32 | .25 | .30 | .24 | .27 | .24 |
| Alabama | .16 | .21 | .22 | .18 | .24 | .28 | .25 | .23 | .25 | .27 |
| Mississippi | .36 | .22 | .35 | .15 | .26 | .36 | .28 | .21 | .24 | .25 |
| Louisiana | .33 | .30 | .22 | .25 | .29 | .31 | .25 | .20 | .20 | .22 |
| Texas | .23 | .24 | .28 | .36 | .30 | .35 | .31 | .28 | .27 | .27 |
| Arkansas | .39 | .20 | .22 | .30 | .28 | .35 | .32 | .27 | .33 | .32 |
| Montana | ..... | ..... | ..... | ..... | ..... | .42 | ..... | ..... | .70 | .50 |
| Wyoming | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .70 | .45 |
| Colorado | 1.30 | ..... | .83 | ..... | ..... | .56 | .41 | .55 | .52 | .44 |
| New Mexico | .38 | ..... | .45 | .33 | .34 | .38 | .25 | .43 | .31 | .30 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .50 | .50 |
| Utah | .93 | ..... | .45 | .39 | .43 | .47 | .44 | .39 | .42 | .43 |
| Nevada | .50 | ..... | ..... | ..... | ..... | .33 | ..... | ..... | .43 | .30 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .48 | .50 |
| Washington | .75 | ..... | .40 | ..... | ..... | .68 | ..... | .55 | .50 | .43 |
| Oregon | .60 | ..... | .39 | .48 | .54 | .50 | .42 | .45 | .49 | .45 |
| California | .50 | .78 | .50 | .51 | .50 | .44 | .44 | .40 | .40 | .35 |
| Geographic divisions: | | | | | | | | | | |
| North Atlantic | .34 | .38 | .42 | .35 | .38 | .37 | .40 | .42 | .39 | .38 |
| South Atlantic | .25 | .25 | .22 | .26 | .25 | .22 | .32 | .28 | .23 | .22 |
| North Central | .34 | .19 | .37 | .35 | .38 | .41 | .38 | .36 | .35 | .32 |
| South Central | .28 | .27 | .28 | .26 | .29 | .32 | .29 | .25 | .26 | .37 |
| Western | .58 | .78 | .46 | .45 | .46 | .44 | .39 | .45 | .42 | .38 |
| United States | .30 | .29 | .31 | .31 | .32 | .33 | .34 | .32 | .31 | .30 |

TABLE 30.—*Difference between with board and without board in average wage rates of outdoor labor of men on farms, per day for day labor in harvest work, by States and geographic divisions, 19 investigations from 1866 to 1909*—Continued.

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.40 | $0.26 | $0.28 | $0.31 | $0.34 | $0.33 | $0.32 | $0.38 | $0.39 |
| New Hampshire | .39 | .35 | .39 | .39 | .40 | .39 | .42 | .39 | .41 |
| Vermont | .37 | .30 | .30 | .35 | .32 | .33 | .41 | .40 | .41 |
| Massachusetts | .45 | .40 | .40 | .40 | .38 | .41 | .41 | .42 | .43 |
| Rhode Island | .44 | .42 | .41 | .37 | .37 | .36 | .36 | .34 | .44 |
| Connecticut | .37 | .40 | .40 | .41 | .37 | .36 | .48 | .43 | .41 |
| New York | .40 | .29 | .28 | .30 | .29 | .30 | .33 | .38 | .30 |
| New Jersey | .40 | .40 | .38 | .27 | .32 | .32 | .33 | .37 | .37 |
| Pennsylvania | .37 | .30 | .30 | .28 | .31 | .31 | .37 | .38 | .40 |
| Delaware | .30 | .26 | .21 | .26 | .23 | .22 | .22 | .24 | .23 |
| Maryland | .30 | .27 | .27 | .27 | .23 | .24 | .24 | .30 | .23 |
| Virginia | .26 | .23 | .22 | .19 | .21 | .21 | .23 | .26 | .25 |
| West Virginia | .25 | .22 | .21 | .26 | .28 | .28 | .28 | .31 | .32 |
| North Carolina | .22 | .15 | .15 | .19 | .15 | .15 | .18 | .20 | .19 |
| South Carolina | .19 | .12 | .11 | .13 | .10 | .09 | .11 | .18 | .12 |
| Georgia | .20 | .14 | .13 | .15 | .15 | .15 | .15 | .22 | .22 |
| Florida | .21 | .23 | .22 | .21 | .22 | .23 | .26 | .34 | .40 |
| Ohio | .31 | .23 | .22 | .24 | .27 | .25 | .30 | .34 | .35 |
| Indiana | .30 | .24 | .22 | .25 | .26 | .25 | .31 | .38 | .31 |
| Illinois | .32 | .27 | .25 | .27 | .27 | .27 | .26 | .33 | .27 |
| Michigan | .40 | .29 | .26 | .27 | .29 | .29 | .35 | .39 | .38 |
| Wisconsin | .37 | .29 | .27 | .29 | .31 | .33 | .35 | .43 | .40 |
| Minnesota | .45 | .31 | .29 | .26 | .35 | .36 | .39 | .43 | .36 |
| Iowa | .35 | .31 | .30 | .28 | .31 | .28 | .33 | .37 | .35 |
| Missouri | .35 | .23 | .22 | .25 | .25 | .25 | .27 | .29 | .31 |
| North Dakota | .55 | .38 | .35 | .38 | .49 | .50 | .49 | .55 | .59 |
| South Dakota | .50 | .35 | .32 | .32 | .41 | .43 | .51 | .50 | .44 |
| Nebraska | .33 | .33 | .27 | .25 | .34 | .35 | .40 | .48 | .37 |
| Kansas | .34 | .29 | .28 | .25 | .26 | .28 | .33 | .33 | .26 |
| Kentucky | .40 | .23 | .21 | .26 | .23 | .23 | .24 | .28 | .25 |
| Tennessee | .25 | .15 | .14 | .20 | .19 | .18 | .22 | .24 | .23 |
| Alabama | .22 | .15 | .11 | .18 | .15 | .16 | .18 | .24 | .23 |
| Mississippi | .30 | .13 | .12 | .13 | .21 | .20 | .20 | .26 | .24 |
| Louisiana | .23 | .16 | .15 | .17 | .19 | .18 | .25 | .18 | .24 |
| Texas | .20 | .18 | .17 | .21 | .22 | .23 | .25 | .32 | .24 |
| Oklahoma | ..... | .24 | .23 | .21 | .28 | .28 | .32 | .36 | .20 |
| Arkansas | .21 | .20 | .17 | .16 | .24 | .24 | .26 | .29 | .26 |
| Montana | .45 | .43 | .48 | .47 | .57 | .57 | .47 | .66 | .35 |
| Wyoming | .45 | .36 | .38 | .32 | .44 | .49 | .83 | .67 | .34 |
| Colorado | .43 | .46 | .45 | .40 | .44 | .43 | .47 | .54 | .46 |
| New Mexico | .30 | .32 | .30 | .24 | .28 | .24 | .41 | .34 | .34 |
| Arizona | .50 | .37 | .44 | .28 | .30 | .40 | .32 | .31 | .40 |
| Utah | .37 | .26 | .25 | .29 | .28 | .28 | .40 | .38 | .38 |
| Nevada | .42 | .55 | .58 | .47 | .49 | .55 | .54 | .97 | .36 |
| Idaho | .45 | .20 | .24 | .30 | .36 | .38 | .42 | .47 | .55 |
| Washington | .53 | .37 | .35 | .31 | .34 | .37 | .33 | .37 | .24 |
| Oregon | .45 | .37 | .33 | .27 | .33 | .35 | .39 | .42 | .23 |
| California | .55 | .39 | .42 | .39 | .35 | .33 | .31 | .20 | .30 |
| Geographic division: | | | | | | | | | |
| North Atlantic | .39 | .32 | .31 | .31 | .32 | .33 | .37 | .38 | .36 |
| South Atlantic | .23 | .17 | .17 | .18 | .17 | .17 | .19 | .23 | .22 |
| North Central | .35 | .27 | .25 | .26 | .29 | .29 | .32 | .37 | .34 |
| South Central | .26 | .17 | .15 | .19 | 21 | .20 | .24 | .27 | .24 |
| Western | .48 | .38 | .37 | .36 | .36 | .35 | .37 | .33 | .49 |
| United States | .30 | .23 | .21 | .23 | .25 | .25 | .28 | .31 | .28 |

TABLE 31.—*Difference between with board and without board in average wage rates of outdoor labor of men on farms, per day for day labor other than harvest work, by States and geographic divisions, 19 investigations from 1866 to 1909.*

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 |
|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.25 | $0.32 | $0.36 | $0.24 | $0.34 | $0.34 | $0.27 | $0.31 | $0.33 | $0.32 |
| New Hampshire | .29 | .28 | .33 | .23 | .32 | .32 | .33 | .35 | .32 | .35 |
| Vermont | .31 | .35 | .35 | .26 | .31 | .32 | .30 | .27 | .26 | .27 |
| Massachusetts | .32 | .40 | .28 | .29 | .55 | .36 | .37 | .50 | .42 | .45 |
| Rhode Island | .35 | .40 | .39 | ..... | ..... | .25 | .28 | .31 | .40 | .43 |
| Connecticut | .32 | .36 | .29 | .62 | .35 | .13 | .32 | .32 | .33 | .37 |
| New York | .36 | .33 | .36 | .23 | .34 | .32 | .36 | .33 | .31 | .33 |
| New Jersey | .34 | .36 | .39 | .30 | .31 | .31 | .35 | .34 | .33 | .33 |
| Pennsylvania | .35 | .29 | .37 | .32 | .31 | .30 | .35 | .30 | .28 | .28 |
| Delaware | .26 | .25 | .29 | .25 | .17 | ..... | .30 | .22 | .25 | .22 |
| Maryland | .24 | .31 | .30 | .27 | .27 | .29 | .28 | .31 | .26 | .26 |
| Virginia | .18 | .19 | .24 | .19 | .19 | .18 | .22 | .22 | .22 | .23 |
| West Virginia | .27 | .26 | .26 | .25 | .24 | .21 | .23 | .23 | .23 | .22 |
| North Carolina | .16 | .18 | .18 | .37 | .16 | .17 | .22 | .20 | .16 | .16 |
| South Carolina | .17 | .14 | .13 | .12 | .12 | .12 | .20 | .15 | .22 | .18 |
| Georgia | .21 | .17 | .20 | .14 | .15 | .19 | .21 | .19 | .25 | .23 |
| Florida | .18 | .17 | .20 | .23 | .21 | .25 | .20 | .25 | .25 | .24 |
| Ohio | .28 | .29 | .30 | .16 | .29 | .30 | .30 | .26 | .25 | .22 |
| Indiana | .27 | .26 | .31 | .20 | .24 | .27 | .30 | .28 | .28 | .27 |
| Illinois | .29 | .27 | .31 | .27 | .28 | .29 | .29 | .27 | .28 | .27 |
| Michigan | .33 | .36 | .40 | .33 | .34 | .34 | .34 | .36 | .30 | .31 |
| Wisconsin | .35 | .31 | .36 | .32 | .30 | .29 | .34 | .25 | .25 | .39 |
| Minnesota | .28 | .33 | .37 | .33 | .26 | .36 | .35 | .26 | .30 | .30 |
| Iowa | .30 | .29 | .32 | .31 | .30 | .26 | .35 | .34 | .30 | 28 |
| Missouri | .26 | .31 | .30 | .08 | .26 | .27 | .30 | .27 | .14 | .16 |
| North Dakota, South Dakota | .35 | ..... | .47 | .42 | .42 | .15 | .39 | .23 | .25 | .36 |
| Nebraska | .35 | .27 | .37 | .39 | .23 | .34 | .30 | .38 | .37 | .34 |
| Kansas | .32 | .33 | .35 | .32 | .32 | .32 | .32 | .33 | .32 | .32 |
| Kentucky | .24 | .24 | .27 | .24 | .24 | .23 | .27 | .25 | .22 | .21 |
| Tennessee | .23 | .27 | .30 | .19 | .23 | .20 | .22 | .19 | .21 | .18 |
| Alabama | .16 | .18 | .19 | .19 | .21 | .19 | .21 | .21 | .19 | .19 |
| Mississippi | .31 | .15 | .24 | .23 | .22 | .24 | .20 | .20 | .20 | .19 |
| Louisiana | .27 | .45 | .23 | .22 | .24 | .25 | .20 | .18 | .20 | .21 |
| Texas | .23 | .23 | .26 | .25 | .25 | .27 | .23 | .22 | .24 | .24 |
| Arkansas | .32 | .25 | .26 | .25 | .20 | .27 | .26 | .25 | .28 | .28 |
| Montana | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .45 | .20 |
| Wyoming | ..... | ..... | .72 | ..... | ..... | ..... | ..... | ..... | .40 | .33 |
| Colorado | 1.36 | ..... | .59 | ..... | ..... | ..... | .49 | .45 | .48 | .38 |
| New Mexico | .10 | ..... | .35 | 25 | .31 | .45 | .28 | .44 | .35 | .35 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .35 | .38 |
| Utah | .64 | ..... | .40 | .34 | .35 | .31 | .47 | .38 | .32 | .33 |
| Nevada | .50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .45 | .45 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .35 | .18 |
| Washington | .50 | ..... | ..... | ..... | ..... | ..... | ..... | .53 | .30 | .33 |
| Oregon | .35 | ..... | .32 | .36 | .50 | .46 | .33 | .35 | .37 | .35 |
| California | .54 | .63 | .54 | .42 | .68 | .55 | .42 | .42 | .42 | .40 |
| Geographic division: | | | | | | | | | | |
| North Atlantic | .34 | .33 | .35 | .29 | .34 | .30 | .35 | .32 | .31 | .32 |
| South Atlantic | .20 | .18 | .20 | .17 | .17 | .18 | .22 | .20 | .22 | .21 |
| North Central | .29 | .27 | .33 | .24 | .28 | .29 | .31 | .29 | .27 | .28 |
| South Central | .24 | .23 | .24 | .22 | .23 | .24 | .23 | .21 | .22 | .21 |
| Western | .46 | .63 | .45 | .36 | .51 | .47 | .38 | .43 | .40 | .37 |
| United States | .26 | .24 | .26 | .23 | .25 | .25 | .27 | .25 | .26 | .25 |

TABLE 31.—*Difference between with board and without board in average wage rates of outdoor labor of men on farms, per day for day labor other than harvest work, by States and geographic divisions, 19 investigations from 1866 to 1909*—Continued.

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.32 | $0.25 | $0.25 | $0.30 | $0.33 | $0.34 | $0.28 | $0.36 | $0.31 |
| New Hampshire | .32 | .29 | .28 | .30 | .28 | .36 | .41 | .41 | .39 |
| Vermont | .29 | .21 | .14 | .31 | .30 | .30 | .38 | .35 | .33 |
| Massachusetts | .44 | .33 | .34 | .37 | .41 | .41 | .44 | .41 | .65 |
| Rhode Island | .44 | .37 | .36 | .38 | .39 | .38 | .38 | .42 | .48 |
| Connecticut | .41 | .35 | .34 | .35 | .38 | .40 | .40 | .44 | .40 |
| New York | .32 | .28 | .27 | .28 | .29 | .28 | .33 | .35 | .33 |
| New Jersey | .32 | .32 | .32 | .31 | .31 | .31 | .32 | .35 | .38 |
| Pennsylvania | .29 | .28 | .26 | .26 | .29 | .31 | .35 | .36 | .37 |
| Delaware | .20 | .21 | .18 | .19 | .26 | .26 | .28 | .30 | .19 |
| Maryland | .24 | .25 | .25 | .23 | .26 | .26 | .26 | .28 | .27 |
| Virginia | .22 | .19 | .19 | .17 | .20 | .20 | .21 | .24 | .22 |
| West Virginia | .27 | .20 | .20 | .23 | .26 | .25 | .28 | .32 | .29 |
| North Carolina | .18 | .12 | .11 | .13 | .14 | .14 | .16 | .20 | .19 |
| South Carolina | .17 | .08 | .06 | .12 | .08 | .06 | .10 | .17 | .11 |
| Georgia | .20 | .11 | .11 | .11 | .12 | .13 | .14 | .20 | .20 |
| Florida | .24 | .16 | .17 | .20 | .22 | .23 | .27 | .27 | .35 |
| Ohio | .25 | .22 | .21 | .22 | .25 | .26 | .29 | .27 | .29 |
| Indiana | .30 | .20 | .19 | .21 | .24 | .23 | .26 | .28 | .25 |
| Illinois | .26 | .23 | .22 | .21 | .25 | .26 | .27 | .31 | .23 |
| Michigan | .32 | .26 | .25 | .24 | .29 | .29 | .33 | .36 | .36 |
| Wisconsin | .42 | .28 | .26 | .27 | .31 | .33 | .36 | .40 | .35 |
| Minnesota | .40 | .24 | .25 | .29 | .35 | .37 | .37 | .41 | .35 |
| Iowa | .27 | .29 | .29 | .24 | .28 | .29 | .33 | .36 | .29 |
| Missouri | .17 | .21 | .20 | .20 | .23 | .23 | .25 | .26 | .27 |
| North Dakota | .40 | .33 | .33 | .38 | .45 | .47 | .48 | .56 | .48 |
| South Dakota | .39 | .31 | .30 | .26 | .38 | .43 | .49 | .47 | .50 |
| Nebraska | .30 | .27 | .25 | .22 | .30 | .34 | .37 | .43 | .36 |
| Kansas | .32 | .25 | .23 | .23 | .29 | .29 | .31 | .35 | .29 |
| Kentucky | .23 | .17 | .16 | .15 | .18 | .18 | .21 | .21 | .18 |
| Tennessee | .18 | .13 | .13 | .13 | .15 | .17 | .18 | .22 | .18 |
| Alabama | .20 | .11 | .10 | .12 | .14 | .14 | .18 | .21 | .19 |
| Mississippi | .24 | .12 | .10 | .09 | .17 | .17 | .18 | .26 | .21 |
| Louisiana | .22 | .18 | .16 | .14 | .19 | .18 | .19 | .26 | .21 |
| Texas | .26 | .18 | .17 | .18 | .22 | .22 | .23 | .28 | .23 |
| Oklahoma | ..... | .22 | .25 | .12 | .23 | .24 | .30 | .30 | .25 |
| Arkansas | .27 | .17 | .14 | .14 | .21 | .21 | .23 | .27 | .22 |
| Montana | .30 | .47 | .45 | .47 | .54 | .57 | .47 | .64 | .63 |
| Wyoming | .30 | .38 | .34 | .33 | .45 | .48 | .76 | .64 | .50 |
| Colorado | .40 | .39 | .37 | .37 | .41 | .41 | .48 | .56 | .43 |
| New Mexico | .38 | .26 | .19 | .22 | .34 | .37 | .40 | .43 | .33 |
| Arizona | .35 | .35 | .25 | .35 | .38 | .36 | .40 | .41 | .39 |
| Utah | .32 | .22 | .22 | .28 | .29 | .26 | .33 | .42 | .46 |
| Nevada | .43 | .46 | .46 | .60 | .48 | .54 | .49 | 1.00 | ..... |
| Idaho | .42 | .40 | .38 | .38 | .43 | .47 | .55 | .53 | .52 |
| Washington | .32 | .43 | .33 | .34 | .39 | .45 | .52 | .59 | .59 |
| Oregon | .50 | .33 | .30 | .28 | .31 | .35 | .43 | .50 | .37 |
| California | .43 | .42 | .41 | .40 | .39 | .41 | .42 | .38 | .51 |
| Geographic division: | | | | | | | | | |
| North Atlantic | .33 | .29 | .27 | .29 | .31 | .32 | .35 | .36 | .37 |
| South Atlantic | .20 | .14 | .13 | .15 | .16 | .16 | .17 | .22 | .20 |
| North Central | .29 | .24 | .24 | .23 | .28 | .28 | .31 | .34 | .30 |
| South Central | .22 | .15 | .13 | .13 | .18 | .18 | .20 | .24 | .20 |
| Western | .29 | .37 | .34 | .36 | .38 | .41 | .45 | .47 | .49 |
| United States | .25 | .20 | .19 | .20 | .23 | .24 | .26 | .29 | .26 |

TABLE 32.—*Difference between harvest and other-than-harvest work in average wage rates of outdoor labor of men on farms, per day, for day labor without board, by States and geographic divisions, 19 investigations, from 1866 to 1909.*

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 |
|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.37 | $0.50 | $0.46 | $0.45 | $0.41 | $0.54 | $0.34 | $0.39 | $0.40 | $0.40 |
| New Hampshire | .21 | .43 | .49 | .27 | .12 | .25 | .41 | .35 | .40 | .37 |
| Vermont | .39 | .52 | .67 | .38 | .46 | .49 | .55 | .53 | .49 | .49 |
| Massachusetts | .41 | .33 | .40 | 45 | .15 | .29 | .30 | .20 | .38 | .35 |
| Rhode Island | .28 | .47 | .33 | ..... | ..... | .00 | .32 | .35 | .33 | .30 |
| Connecticut | .48 | .39 | .49 | .10 | .69 | .75 | .35 | .33 | .37 | .33 |
| New York | .47 | .66 | .67 | .61 | .52 | .66 | .60 | .74 | .59 | .57 |
| New Jersey | .71 | .73 | .96 | .56 | .70 | .77 | .88 | .87 | .68 | .60 |
| Pennsylvania | .51 | .59 | .55 | .37 | .48 | .42 | .53 | .55 | .41 | .46 |
| Delaware | .55 | .42 | .69 | .61 | .50 | ..... | .50 | .88 | .45 | .35 |
| Maryland | .49 | .71 | .65 | .67 | .60 | .59 | .69 | .81 | .56 | .45 |
| Virginia | .45 | .50 | .60 | .52 | .54 | .59 | .57 | .62 | .57 | .51 |
| West Virginia | .33 | .47 | .44 | .45 | .30 | .42 | .48 | .48 | .35 | .40 |
| North Carolina | .57 | .47 | .40 | .40 | .48 | .44 | .52 | .48 | .35 | .38 |
| South Carolina | .39 | .33 | .41 | .35 | .59 | .37 | .43 | .27 | .30 | .30 |
| Georgia | .34 | .30 | .40 | .39 | .42 | .42 | .40 | .38 | .24 | .29 |
| Florida | .09 | .22 | .06 | .25 | .15 | .20 | .37 | .11 | .09 | .12 |
| Ohio | .47 | .52 | .61 | .51 | .64 | .66 | .60 | .64 | .49 | .45 |
| Indiana | .55 | .59 | .78 | .78 | .80 | .94 | .81 | .77 | .54 | .50 |
| Illinois | .56 | .62 | .72 | .51 | .63 | .77 | .72 | .66 | .48 | .45 |
| Michigan | .59 | .81 | .82 | .86 | .87 | 1.03 | .83 | .62 | .60 | .60 |
| Wisconsin | .64 | .65 | .85 | .99 | .85 | .87 | 1.17 | .69 | .58 | .38 |
| Minnesota | .66 | .93 | 1.15 | 1.35 | .36 | 1.47 | .24 | 1.04 | .90 | .67 |
| Iowa | .54 | .97 | 1.03 | .54 | .85 | .92 | .91 | .69 | .54 | .48 |
| Missouri | .50 | .63 | .59 | .79 | .65 | .68 | .59 | .67 | .49 | .44 |
| North Dakota, South Dakota | .35 | ..... | .65 | ..... | .92 | 1.11 | 1.15 | .07 | .77 | .60 |
| Nebraska | .51 | .58 | .84 | .88 | .85 | .80 | .74 | .63 | .43 | .37 |
| Kansas | .47 | .38 | .48 | .65 | .58 | .57 | .58 | .67 | .43 | .34 |
| Kentucky | .63 | .53 | .66 | .71 | .71 | .64 | .67 | .67 | .53 | .59 |
| Tennessee | .61 | .77 | .59 | .58 | .65 | .60 | .58 | .57 | .46 | .44 |
| Alabama | .34 | .28 | .57 | .26 | .38 | .34 | .33 | .26 | .25 | .28 |
| Mississippi | .22 | .34 | .29 | .21 | .34 | .42 | .48 | .20 | .22 | .21 |
| Louisiana | .41 | .07 | .26 | .18 | .14 | .30 | .30 | .13 | .07 | .15 |
| Texas | .24 | .31 | .33 | .38 | .33 | .37 | .46 | .34 | .28 | .23 |
| Arkansas | .52 | .23 | .35 | .52 | .47 | .45 | .46 | .41 | .37 | .32 |
| Montana | ..... | ..... | ..... | ..... | ..... | .84 | ..... | ..... | .50 | .35 |
| Wyoming | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .50 | .30 |
| Colorado | .88 | ..... | .58 | ..... | ..... | .35 | .58 | .50 | .27 | .22 |
| New Mexico | .50 | ..... | .50 | .19 | .20 | .18 | .37 | .06 | .04 | .10 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .45 | .17 |
| Utah | 1.15 | ..... | .40 | .36 | .50 | .54 | .43 | .23 | .30 | .32 |
| Nevada | .50 | ..... | ..... | ..... | ..... | .50 | ..... | ..... | .15 | .37 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .50 | .37 |
| Washington | .75 | ..... | ..... | ..... | ..... | .69 | ..... | .35 | .65 | .50 |
| Oregon | .65 | ..... | .64 | .58 | .65 | .41 | .59 | .65 | .59 | .52 |
| California | .30 | .69 | .66 | .62 | .26 | .45 | .59 | .63 | .65 | .55 |
| Geographic division: | | | | | | | | | | |
| North Atlantic | .46 | .58 | .61 | .47 | .49 | .55 | .54 | .60 | .50 | .49 |
| South Atlantic | .41 | .41 | .44 | .43 | .48 | .45 | .49 | .46 | .36 | .36 |
| North Central | .53 | .64 | .74 | .70 | .75 | .83 | .78 | .68 | .54 | .47 |
| South Central | .41 | .39 | .45 | .41 | .45 | .45 | .47 | .37 | .30 | .41 |
| Western | .56 | .69 | .59 | .48 | .37 | .40 | .51 | .57 | .50 | .42 |
| United States | .44 | .48 | .55 | .51 | .55 | .57 | .57 | .53 | .42 | .41 |

TABLE 32.—*Difference between harvest and other-than-harvest work in average wage rates of outdoor labor of men on farms, per day, for day labor without board, by States and geographic divisions, 19 investigations, from 1866 to 1909*—Continued.

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.44 | $0.21 | $0.20 | $0.22 | $0.38 | $0.38 | $0.46 | $0.53 | $0.43 |
| New Hampshire | .40 | .33 | .30 | .35 | .42 | .40 | .34 | .52 | .42 |
| Vermont | .47 | .64 | .58 | .36 | .41 | .44 | .56 | .69 | .60 |
| Massachusetts | .33 | .30 | .26 | .28 | .31 | .33 | .29 | .38 | .34 |
| Rhode Island | .30 | .21 | .16 | .18 | .36 | .40 | .35 | .36 | .34 |
| Connecticut | .37 | .41 | .31 | .39 | .35 | .35 | .47 | .38 | .31 |
| New York | .58 | .47 | .44 | .40 | .37 | .39 | .48 | .59 | .48 |
| New Jersey | .58 | .68 | .65 | .56 | .53 | .53 | .50 | .60 | .61 |
| Pennsylvania | .47 | .40 | .38 | .38 | .35 | .36 | .40 | .48 | .41 |
| Delaware | .35 | .46 | .36 | .42 | .35 | .36 | .38 | .35 | .47 |
| Maryland | .49 | .53 | .50 | .47 | .37 | .38 | .41 | .47 | .37 |
| Virginia | .56 | .50 | .46 | .44 | .43 | .44 | .45 | .42 | .41 |
| West Virginia | .35 | .38 | .35 | .35 | .36 | .37 | .35 | .35 | .35 |
| North Carolina | .41 | .37 | .36 | .39 | .35 | .34 | .37 | .32 | .31 |
| South Carolina | .32 | .29 | .29 | .23 | .28 | .27 | .34 | .31 | .35 |
| Georgia | .24 | .30 | .28 | .30 | .30 | .29 | .30 | .24 | .21 |
| Florida | .10 | .11 | .09 | .11 | .14 | .13 | .16 | .20 | .25 |
| Ohio | .45 | .37 | .34 | .33 | .32 | .32 | .44 | .52 | .55 |
| Indiana | .52 | .52 | .46 | .44 | .39 | .41 | .51 | .64 | .59 |
| Illinois | .48 | .46 | .41 | .40 | .37 | .39 | .44 | .52 | .55 |
| Michigan | .60 | .43 | .38 | .36 | .36 | .38 | .52 | .54 | .51 |
| Wisconsin | .45 | .32 | .28 | .29 | .29 | .34 | .46 | .46 | .49 |
| Minnesota | .75 | .61 | .44 | .43 | .54 | .65 | .75 | .78 | .71 |
| Iowa | .50 | .35 | .29 | .30 | .32 | .35 | .51 | .56 | .61 |
| Missouri | .47 | .44 | .41 | .42 | .39 | .39 | .47 | .53 | .54 |
| North Dakota | .65 | .65 | .48 | .57 | .68 | .84 | .89 | .96 | 1.03 |
| South Dakota | .65 | .50 | .34 | .47 | .53 | .61 | .74 | .75 | .63 |
| Nebraska | .34 | .26 | .23 | .22 | .30 | .33 | .53 | .64 | .65 |
| Kansas | .47 | .34 | .33 | .26 | .39 | .40 | .55 | .68 | .70 |
| Kentucky | .65 | .58 | .52 | .60 | .51 | .52 | .53 | .60 | .56 |
| Tennessee | .47 | .44 | .40 | .47 | .42 | .41 | .45 | .42 | .42 |
| Alabama | .26 | .24 | .21 | .27 | .27 | .28 | .24 | .26 | .25 |
| Mississippi | .20 | .11 | .10 | .15 | .17 | .17 | .20 | .14 | .17 |
| Louisiana | .18 | .15 | .13 | .12 | .21 | .21 | .29 | .12 | .16 |
| Texas | .12 | .21 | .19 | .23 | .25 | .26 | .29 | .38 | .28 |
| Oklahoma | ..... | .25 | .21 | .37 | .38 | .38 | .41 | .47 | .44 |
| Arkansas | .18 | .31 | .29 | .30 | .37 | .37 | .38 | .28 | .32 |
| Montana | .45 | .28 | .29 | .24 | .31 | .31 | .40 | .39 | .27 |
| Wyoming | .45 | .37 | .35 | .27 | .19 | .21 | .36 | .32 | .29 |
| Colorado | .30 | .30 | .29 | .20 | .22 | .24 | .29 | .32 | .39 |
| New Mexico | .10 | .22 | .24 | .20 | .20 | .17 | .18 | .10 | .23 |
| Arizona | .25 | .54 | .60 | .16 | .37 | .39 | .38 | .31 | .39 |
| Utah | .40 | .20 | .18 | .16 | .18 | .16 | .31 | .26 | .31 |
| Nevada | .45 | .51 | .52 | .30 | .35 | .36 | .37 | .29 | ..... |
| Idaho | .40 | .21 | .22 | .26 | .29 | .32 | .41 | .50 | .50 |
| Washington | .50 | .36 | .34 | .32 | .47 | .51 | .63 | .65 | .33 |
| Oregon | .45 | .50 | .45 | .37 | .43 | .47 | .52 | .53 | .32 |
| California | .65 | .61 | .54 | .46 | .43 | .45 | .53 | .37 | .80 |
| Geographic division: | | | | | | | | | |
| North Atlantic | .50 | .44 | .41 | .38 | .37 | .39 | .44 | .53 | .45 |
| South Atlantic | .37 | .36 | .35 | .34 | .33 | .33 | .36 | .32 | .32 |
| North Central | .51 | .42 | .36 | .36 | .37 | .41 | .52 | .58 | .59 |
| South Central | .30 | .29 | .26 | .31 | .32 | .32 | .35 | .34 | .32 |
| Western | .50 | .47 | .42 | .35 | .38 | .39 | .47 | .40 | .54 |
| United States | .41 | .38 | .34 | .34 | .35 | .36 | .42 | .44 | .42 |

TABLE 33.—*Difference between harvest and other-than-harvest work in average wage rates of outdoor labor of men on farms, per day for day labor with board, by States and geographic divisions, 19 investigations from 1866 to 1909.*

| State and geographic division. | 1866 | 1869 | 1874 or 1875 | 1877 or 1878, 1878 or 1879 (combined). | 1879 or 1880 | 1880 or 1881 | 1881 or 1882 | 1884 or 1885 | 1887 or 1888 | 1889 or 1890 |
|---|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.30 | $0.44 | $0.38 | $0.36 | $0.37 | $0.39 | $0.31 | $0.31 | $0.38 | $0.37 |
| New Hampshire | .18 | .40 | .45 | .21 | .12 | .21 | .38 | .37 | .42 | .38 |
| Vermont | .37 | .53 | .65 | .32 | .41 | .42 | .45 | .42 | .45 | .45 |
| Massachusetts | .38 | .42 | .33 | .24 | .32 | .28 | .27 | .31 | .38 | .38 |
| Rhode Island | .26 | .41 | .28 | .44 | .25 | .00 | .30 | .31 | .33 | .33 |
| Connecticut | .43 | .38 | .32 | .37 | .63 | .50 | .35 | .33 | .40 | .38 |
| New York | .48 | .59 | .60 | .49 | .46 | .57 | .54 | .61 | .47 | .48 |
| New Jersey | .84 | .69 | .89 | .61 | .67 | .66 | .88 | .82 | .63 | .54 |
| Pennsylvania | .50 | .51 | .49 | .35 | .43 | .43 | .45 | .40 | .31 | .37 |
| Delaware | .48 | .40 | .61 | .49 | .42 | ..... | .45 | .74 | .40 | .32 |
| Maryland | .50 | .66 | .54 | .63 | .53 | .60 | .60 | .76 | .51 | .39 |
| Virginia | .45 | .43 | .61 | .51 | .48 | .52 | .51 | .57 | .59 | .48 |
| West Virginia | .27 | .37 | .39 | .39 | .21 | .32 | .41 | .43 | .30 | .32 |
| North Carolina | .47 | .40 | .43 | .35 | .39 | .38 | .39 | .35 | .30 | .34 |
| South Carolina | .33 | .29 | .40 | .27 | .45 | .34 | .33 | .19 | .29 | .33 |
| Georgia | .26 | .22 | .34 | .17 | .36 | .39 | .31 | .33 | .27 | .31 |
| Florida | .06 | .11 | .01 | .20 | .11 | .21 | .25 | .10 | .08 | .12 |
| Ohio | .42 | .49 | .52 | .33 | .55 | .47 | .52 | .55 | .41 | .37 |
| Indiana | .49 | .56 | .70 | .58 | .66 | .84 | .80 | .75 | .50 | .47 |
| Illinois | .49 | .59 | .71 | .44 | .55 | .71 | .64 | .53 | .41 | .41 |
| Michigan | .59 | .79 | .79 | .72 | .77 | .88 | .80 | .65 | .50 | .51 |
| Wisconsin | .61 | .60 | .80 | .90 | .74 | .77 | 1.11 | .62 | .47 | .43 |
| Minnesota | .65 | .86 | 1.07 | 1.31 | 1.41 | 1.30 | 1.14 | .90 | .75 | .53 |
| Iowa | .48 | .81 | .94 | .76 | .71 | .77 | .82 | .64 | .49 | .55 |
| Missouri | .46 | .60 | .61 | .57 | .56 | .60 | .53 | .62 | .33 | .35 |
| North Dakota, South Dakota | .35 | ..... | .71 | ..... | .98 | .88 | 1.08 | .08 | .54 | .48 |
| Nebraska | .50 | .55 | .85 | .76 | .70 | .64 | .66 | .58 | .42 | .33 |
| Kansas | .44 | .38 | .49 | .59 | .51 | .48 | .55 | .61 | .40 | .35 |
| Kentucky | .59 | .44 | .65 | .61 | .61 | .56 | .58 | .58 | .47 | .48 |
| Tennessee | .50 | .67 | .52 | .47 | .56 | .55 | .50 | .52 | .40 | .38 |
| Alabama | .34 | .25 | .54 | .27 | .35 | .25 | .29 | .24 | .19 | .20 |
| Mississippi | .17 | .27 | .18 | .29 | .30 | .30 | .40 | .19 | .18 | .15 |
| Louisiana | .35 | .22 | .27 | .15 | .09 | .24 | .25 | .11 | .07 | .14 |
| Texas | .24 | .30 | .31 | .27 | .28 | .29 | .38 | .28 | .25 | .20 |
| Arkansas | .45 | .28 | .39 | .47 | .39 | .37 | .40 | .39 | .32 | .28 |
| Montana | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .25 | .05 |
| Wyoming | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .20 | .18 |
| Colorado | .94 | ..... | .34 | .36 | ..... | ..... | .66 | .40 | .23 | .16 |
| New Mexico | .22 | ..... | .40 | .11 | .17 | .25 | .40 | .07 | .00 | .05 |
| Arizona | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .30 | .05 |
| Utah | .86 | ..... | .35 | .31 | .42 | .38 | .46 | .22 | .20 | .22 |
| Nevada | .50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .17 | .52 |
| Idaho | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .37 | .05 |
| Washington | .50 | ..... | ..... | ..... | ..... | ..... | ..... | .33 | .45 | .40 |
| Oregon | .40 | ..... | .57 | .46 | .61 | .37 | .50 | .55 | .47 | .42 |
| California | .34 | .54 | .70 | .53 | .44 | .56 | .57 | .65 | .67 | .60 |
| Geographic division: | | | | | | | | | | |
| North Atlantic | .46 | .53 | .54 | .41 | .45 | .48 | .49 | .50 | .42 | .43 |
| South Atlantic | .36 | .34 | .42 | .34 | .40 | .41 | .39 | .38 | .35 | .35 |
| North Central | .48 | .72 | .70 | .59 | .65 | .71 | .71 | .61 | .46 | .43 |
| South Central | .37 | .35 | .41 | .37 | .39 | .37 | .41 | .33 | .26 | .25 |
| Western | .44 | .54 | .58 | .39 | .42 | .43 | .50 | .55 | .48 | .41 |
| United States | .40 | .43 | .50 | .43 | .48 | .49 | .50 | .46 | .37 | .36 |

TABLE 33.—*Difference between harvest and other-than-harvest work in average wage rates of outdoor labor of men on farms, per day for day labor with board, by States and geographic divisions, 19 investigations from 1866 to 1909*—Continued.

| State and geographic division. | 1891 or 1892 | 1893 | 1894 | 1895 | 1898 | 1899 | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|---|---|
| Maine | $0.36 | $0.20 | $0.17 | $0.21 | $0.37 | $0.39 | $0.42 | $0.51 | $0.35 |
| New Hampshire | .33 | .27 | .19 | .26 | .30 | .37 | .33 | .54 | .40 |
| Vermont | .39 | .55 | .42 | .32 | .39 | .41 | .53 | .64 | .52 |
| Massachusetts | .32 | .23 | .20 | .25 | .34 | .33 | .32 | .37 | .56 |
| Rhode Island | .30 | .16 | .11 | .19 | .38 | .42 | .37 | .44 | .38 |
| Connecticut | .41 | .36 | .25 | .33 | .36 | .39 | .39 | .39 | .30 |
| New York | .50 | .46 | .43 | .38 | .37 | .37 | .48 | .56 | .51 |
| New Jersey | .50 | .60 | .59 | .60 | .52 | .52 | .49 | .58 | .62 |
| Pennsylvania | .39 | .38 | .34 | .36 | .33 | .36 | .38 | .46 | .38 |
| Delaware | .25 | .41 | .33 | .35 | .38 | .40 | .44 | .41 | .43 |
| Maryland | .43 | .51 | .48 | .43 | .40 | .40 | .43 | .45 | .41 |
| Virginia | .52 | .46 | .43 | .42 | 42 | .43 | 43 | .40 | .38 |
| West Virginia | .37 | .36 | .34 | .32 | .34 | .34 | .35 | .36 | .32 |
| North Carolina | .37 | .34 | .32 | .33 | .34 | .33 | .35 | .32 | .31 |
| South Carolina | .30 | .25 | .24 | .22 | .26 | .27 | .33 | .30 | .34 |
| Georgia | .24 | .27 | .26 | .26 | .27 | .27 | .29 | .22 | .19 |
| Florida | .13 | .04 | .04 | .10 | .14 | .13 | .17 | .13 | .20 |
| Ohio | .39 | .36 | .33 | .31 | .30 | .33 | .43 | .45 | .49 |
| Indiana | .52 | .48 | .43 | .40 | .37 | .39 | .46 | .54 | .53 |
| Illinois | .42 | .42 | .38 | .34 | .35 | .38 | .45 | .50 | .51 |
| Michigan | .52 | .40 | .37 | .33 | .36 | .38 | .50 | .51 | .49 |
| Wisconsin | .50 | .31 | .27 | .27 | .29 | .34 | .47 | .43 | .44 |
| Minnesota | .70 | .54 | .40 | .46 | .54 | .66 | .73 | .76 | .70 |
| Iowa | .42 | .33 | .28 | .26 | .29 | .36 | .51 | .55 | .55 |
| Missouri | .29 | .42 | .39 | .37 | .37 | .37 | .45 | .50 | .50 |
| North Dakota | .50 | .60 | .46 | .57 | .64 | .81 | .88 | .97 | .92 |
| South Dakota | .54 | .46 | .32 | .41 | .50 | .61 | .72 | .72 | .69 |
| Nebraska | .31 | .20 | .21 | .19 | .26 | .32 | .50 | .59 | .64 |
| Kansas | .45 | .30 | .28 | .24 | .42 | .41 | .53 | .70 | .73 |
| Kentucky | .48 | .52 | .47 | .49 | .46 | .47 | .50 | .53 | .49 |
| Tennessee | .40 | .42 | .39 | .40 | .38 | .40 | .41 | .40 | .37 |
| Alabama | .24 | .20 | .20 | .21 | .26 | .26 | .24 | .23 | .21 |
| Mississippi | .14 | .10 | .08 | .11 | .13 | .14 | .18 | .14 | .14 |
| Louisiana | .17 | .17 | .14 | .09 | .21 | .21 | .23 | .20 | .13 |
| Texas | .18 | .21 | .19 | .20 | .25 | .25 | .27 | .34 | .27 |
| Oklahoma | ..... | .23 | .23 | .28 | .33 | .34 | .39 | .41 | .49 |
| Arkansas | .24 | .28 | .26 | .28 | .34 | .34 | .35 | .26 | .28 |
| Montana | .30 | .32 | .26 | .24 | .28 | .31 | .40 | .37 | .55 |
| Wyoming | .30 | .39 | .31 | .28 | .20 | .20 | .29 | .29 | .45 |
| Colorado | .27 | .23 | .21 | .17 | .19 | .22 | .30 | .34 | .36 |
| New Mexico | .18 | .16 | .13 | .18 | .26 | .30 | .17 | .19 | .22 |
| Arizona | .10 | .52 | .41 | .23 | .45 | .35 | .46 | .41 | .38 |
| Utah | .35 | .16 | .15 | .15 | .19 | .14 | .24 | .30 | .39 |
| Nevada | .46 | .42 | .40 | .43 | .34 | .35 | .32 | .32 | .62 |
| Idaho | .37 | .41 | .36 | .34 | .36 | .41 | .54 | .56 | .47 |
| Washington | .29 | .42 | .32 | .35 | .52 | .59 | .72 | .87 | .68 |
| Oregon | .50 | .46 | .42 | .38 | .41 | .47 | .56 | .61 | .64 |
| California | .53 | .64 | .53 | .47 | .47 | .53 | .64 | .55 | .58 |
| Geographic division: | | | | | | | | | |
| North Atlantic | .44 | .41 | .37 | .36 | .36 | .38 | .42 | .51 | .46 |
| South Atlantic | .34 | .33 | .31 | .31 | .32 | .32 | .34 | .31 | .30 |
| North Central | .45 | .39 | .35 | .33 | .36 | .40 | .51 | .55 | .55 |
| South Central | .26 | .27 | .24 | .25 | .29 | .30 | .31 | .31 | .28 |
| Western | .31 | .46 | .39 | .35 | .40 | .45 | .55. | .54 | .54 |
| United States | .36 | .35 | .32 | .31 | .33 | .35 | .40 | .42 | .40 |

TABLE 34.—*Difference between hiring by the year and by the season in average wage rates of outdoor labor of men on farms, per month, without and with board, by States and geographic divisions, 4 investigations in 1866 to 1909.*

| State and geographic division. | Without board. | | | | With board. | | | |
|---|---|---|---|---|---|---|---|---|
| | 1866 | 1869 | 1874 or 1875 | 1909 | 1866 | 1869 | 1874 or 1875 | 1909 |
| Maine | $3.35 | $3.49 | $2.34 | $5.29 | $3.96 | $3.63 | $3.99 | $4.43 |
| New Hampshire | 4.49 | 5.27 | 5.34 | 3.46 | 4.18 | 5.12 | 4.54 | 3.95 |
| Vermont | 3.24 | 4.85 | 2.62 | 2.82 | 3.33 | 4.32 | 2.22 | 2.83 |
| Massachusetts | 1.88 | 3.71 | 5.73 | 6.44 | 3.85 | 4.10 | 2.58 | 6.47 |
| Rhode Island | 3.94 | 4.23 | 4.32 | 7.84 | 4.11 | 4.04 | 3.02 | 4.50 |
| Connecticut | 3.81 | 4.05 | 6.70 | 4.38 | 4.76 | 3.49 | 4.10 | 4.44 |
| New York | 3.74 | 3.69 | 3.68 | 4.40 | 3.48 | 3.24 | 3.18 | 3.92 |
| New Jersey | .60 | 1.67 | 6.08 | 3.50 | 3.38 | 2.54 | 3.10 | 3.24 |
| Pennsylvania | 2.95 | 3.18 | 3.55 | 3.39 | 2.84 | 3.06 | 2.08 | 3.12 |
| Delaware | .93 | 2.21 | 3.60 | 1.35 | 1.41 | 3.31 | 3.17 | 1.86 |
| Maryland | 2.45 | 2.32 | 1.93 | 1.48 | 1.99 | 2.42 | 1.77 | 1.70 |
| Virginia | 1.69 | 1.87 | 1.27 | 2.85 | 1.92 | 2.13 | 1.72 | 2.53 |
| West Virginia | 2.81 | 3.26 | 2.28 | 3.16 | 3.33 | 2.76 | 2.61 | 3.07 |
| North Carolina | 1.21 | 1.63 | 1.48 | 2.27 | 1.30 | 1.57 | 1.59 | 2.19 |
| South Carolina | 1.41 | 1.42 | 1.49 | 1.63 | 1.27 | 1.81 | 2.00 | 1.75 |
| Georgia | 2.07 | 2.18 | 1.78 | 1.61 | 1.69 | 2.24 | 2.49 | 1.42 |
| Florida | 1.80 | 3.78 | 3.46 | 2.24 | 1.65 | 2.27 | [1] .14 | 2.53 |
| Ohio | 2.80 | 3.99 | 2.08 | 2.86 | 2.95 | 3.66 | 2.70 | 2.92 |
| Indiana | 2.67 | 3.71 | 3.66 | 3.19 | 2.66 | 2.78 | 2.90 | 2.79 |
| Illinois | 3.21 | 2.74 | 3.02 | 1.76 | 3.22 | 2.64 | 2.23 | 2.21 |
| Michigan | 2.59 | 2.21 | 3.35 | 4.55 | 2.58 | 3.18 | 3.06 | 3.53 |
| Wisconsin | 3.39 | 2.88 | 3.34 | 5.19 | 3.33 | 3.20 | 3.11 | 4.18 |
| Minnesota | 4.75 | 4.58 | 3.87 | 4.97 | 4.28 | 4.11 | 3.84 | 5.27 |
| Iowa | 3.45 | 3.86 | 2.93 | 2.40 | 3.49 | 3.36 | 2.93 | 3.30 |
| Missouri | 2.88 | 3.88 | 3.00 | 2.05 | 2.52 | 3.63 | 2.75 | 2.25 |
| North Dakota | 1.27 | ..... | 4.17 | 6.07 | 1.41 | ..... | 3.46 | 6.33 |
| South Dakota | | | | 3.86 | | | | 5.40 |
| Nebraska | 5.67 | 3.73 | 3.67 | 2.81 | 4.73 | 4.79 | 3.12 | 3.24 |
| Kansas | 1.67 | 3.31 | 2.24 | 2.52 | 3.97 | 3.21 | 2.15 | 2.83 |
| Kentucky | 2.52 | 1.84 | 2.75 | 3.11 | 2.41 | 1.70 | 2.46 | 2.90 |
| Tennessee | 2.11 | 1.99 | 2.77 | 2.21 | 2.83 | 2.17 | 2.19 | 2.40 |
| Alabama | 2.10 | 1.75 | 2.73 | 2.05 | .84 | 1.60 | 2.29 | 1.84 |
| Mississippi | 4.13 | 2.18 | 2.24 | 1.81 | 3.68 | 4.15 | 1.95 | 1.90 |
| Louisiana | 1.23 | 4.19 | .29 | 1.19 | 4.17 | 4.29 | .28 | 1.31 |
| Texas | 3.33 | 1.72 | 3.17 | 2.51 | 2.85 | 2.76 | 2.76 | 2.41 |
| Oklahoma | ..... | ..... | ..... | 1.73 | ..... | ..... | ..... | 2.73 |
| Arkansas | 3.81 | 1.40 | 2.42 | 2.57 | 2.58 | 1.52 | 4.33 | 2.32 |
| Montana | ..... | ..... | ..... | 6.08 | ..... | ..... | ..... | 4.29 |
| Wyoming | ..... | ..... | ..... | 3.50 | ..... | ..... | ..... | 4.85 |
| Colorado | 11.66 | ..... | [1] 2.19 | 4.26 | 7.88 | ..... | .23 | 4.34 |
| New Mexico | 5.00 | ..... | [1] 2.15 | 2.44 | 8.50 | ..... | [1] 1.24 | 2.32 |
| Arizona | ..... | ..... | ..... | 4.06 | ..... | ..... | ..... | 4.34 |
| Utah | 13.51 | ..... | 1.79 | 8.79 | 12.09 | ..... | 3.29 | 5.91 |
| Nevada | 10.00 | ..... | ..... | 7.98 | 10.00 | ..... | ..... | 3.33 |
| Idaho | ..... | ..... | ..... | 5.56 | ..... | ..... | ..... | 5.96 |
| Washington | 8.25 | ..... | ..... | 4.72 | 8.25 | ..... | ..... | 5.07 |
| Oregon | 5.85 | ..... | [1] 3.34 | 4.16 | 6.47 | ..... | [1] .34 | 4.59 |
| California | 4.29 | [1] 4.47 | .77 | 2.02 | 4.04 | [1] 2.07 | 2.62 | 3.18 |
| Geographic division: | | | | | | | | |
| North Atlantic | 3.15 | 3.60 | 4.22 | 4.22 | 3.52 | 3.45 | 2.99 | 3.83 |
| South Atlantic | 1.74 | 1.98 | 1.69 | 2.10 | 1.65 | 2.06 | 1.97 | 2.03 |
| North Central | 3.00 | 3.48 | 2.96 | 3.09 | 3.03 | 3.29 | 2.76 | 3.20 |
| South Central | 2.68 | 2.14 | 2.37 | 2.21 | 2.60 | 2.62 | 2.21 | 2.22 |
| Western | 6.78 | [1] 4.47 | [1] .01 | 3.69 | 7.17 | [1] 2.07 | 2.05 | 4.02 |
| United States | 2.58 | 2.56 | 2.50 | 2.76 | 2.60 | 2.68 | 2.37 | 2.75 |

[1] Excess of rate by year over rate by season.

## PART II.—DOMESTIC LABOR OF WOMEN ON FARMS.

### ORIGINAL INVESTIGATIONS BY THIS DEPARTMENT.

#### MONTHLY AND DAILY RATES, 1902 TO 1909.

The first systematic investigation of the wage rates of the domestic labor of women on farms was made by this bureau in the general farm-wages investigation of 1902. The investigation was repeated in 1906 and again in 1909. The rates ascertained in the three investigations are monthly rates in hiring by the year and in hiring by the season, and day rates for day labor, in all cases with board.

The weights that have been adopted in computing averages for the United States and geographic divisions were the number of farms operated by white farmers in 1900.

In the investigation of 1909 the percentage of female domestics on farms hired at a monthly rate, who are so hired for the entire year, was ascertained with results that may be found in Table 35. In that table it appears that 26.4 per cent of the female domestics hired at a monthly rate were hired for the entire year. Among the geographic divisions the highest percentage is 40.6, found in the North Atlantic States. Next below is 30.8 per cent for the South Atlantic division; 23.1 per cent for the North Central division; 22.7 per cent for the South Central division; and 22.3 per cent for the Western.

#### MONTHLY RATE IN HIRING BY THE YEAR.

The wage rate of the domestic labor of women on farms in 1902 was $8.69 per month in hiring by the year; in 1906 it was $10.80; and in 1909 the rate was $10.39. Thus the wage rate of the domestic labor of women in hiring by the year accompanies the wage rate of the outdoor labor of men on farms in a decline in 1909 as compared with 1906.

Among the geographic divisions the highest wage rate of the domestic labor of women on the farm in 1909 is $18.74 in the Western division of States; $11.59 follows in the North Atlantic States; $11.38 in the North Central States; $8.22 in the South Central States; and $6.39 in the South Atlantic States.

#### IN HIRING BY THE SEASON.

In hiring by the season the wage rates of the domestic labor of women on the farm were higher than in hiring by the year. The monthly rate by the season was $9.71 in 1902; $11.95 in 1906; and $12.02 in 1909.

The western division of States has an average rate of monthly wages in hiring by the season far above the average for the United States, namely, $21.55; the rates for the North Atlantic division

and the North Central division are a little above the national average, while in the South Central division the average is $9.92, and in the South Atlantic division, $8.25.

### DAY WAGES.

When the domestic labor of women was employed by the day, the day rate of wages was 62 cents in 1902; 76 cents in 1906; and 77 cents in 1909. Details for States may be found in Table 36.

### INFLUENCE OF NEAR-BY CITIES.

In Table 37 a comparison of wage rates of the domestic labor of women in counties containing cities of more than 25,000 population is made with the rate in the rest of the State for the purpose of discovering what influence the proximity of cities has upon the rates paid this labor by farmers. Apparently the special circumstances of each State determines the result of the comparison, because in some cases the counties containing cities of more than 25,000 population pay the higher rates of wages for the domestic labor of women on the farm, and in other cases they pay rates lower than are paid in the rest of the State.

### YEAR AND SEASON HIRINGS CONTRASTED.

When female domestics are hired by the season their monthly rates of wages are higher than when the employment is by the year. This is shown by subtracting the monthly rates for the year from the monthly rates for the season, and the results of the subtraction may be found in Table 38.

In 1902 the monthly rates of wages of the domestic labor of women on the farm in hiring by the season were $1.02 higher than when the hiring was by the year; in 1906, $1.15 higher; and in 1909, $1.63 higher.

TABLE 35.—*Percentage of female domestics on farms, hired at a monthly rate, who are so hired for the entire year, by States and geographic divisions, 1909.*

| State and geographic division. | Percentage, 1909, for female domestics. | State and geographic division. | Percentage, 1909, for female domestics. | State and geographic division. | Percentage, 1909, for female domestics. |
|---|---|---|---|---|---|
| Maine | 28 | Illinois | 31 | Wyoming | 30 |
| New Hampshire | 29 | Michigan | 20 | Colorado | 24 |
| Vermont | 39 | Wisconsin | 25 | New Mexico | 26 |
| Massachusetts | 64 | Minnesota | 20 | Arizona | 10 |
| Rhode Island | 40 | Iowa | 21 | Utah | 3 |
| Connecticut | 48 | Missouri | 19 | Nevada | 11 |
| New York | 37 | North Dakota | 18 | Idaho | 19 |
| New Jersey | 57 | South Dakota | 17 | Washington | 20 |
| Pennsylvania | 42 | Nebraska | 19 | Oregon | 19 |
| Delaware | 17 | Kansas | 18 | California | 26 |
| Maryland | 58 | Kentucky | 23 | | |
| Virginia | 35 | Tennessee | 28 | Geographic division: | |
| West Virginia | 26 | Alabama | 25 | North Atlantic | 40.6 |
| North Carolina | 26 | Mississippi | 30 | South Atlantic | 30.8 |
| South Carolina | 31 | Louisiana | 27 | North Central | 23.1 |
| Georgia | 31 | Texas | 20 | South Central | 22.7 |
| Florida | 23 | Oklahoma | 16 | Western | 22.3 |
| Ohio | 28 | Arkansas | 16 | | |
| Indiana | 27 | Montana | 46 | United States | 26.4 |

TABLE 36.—*Average wage rates of domestic labor of women on farms, with board, by States and geographic divisions, 3 investigations from 1902 to 1909.*

| States and geographic division. | Per month. | | | | | | Per day for day labor. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Hiring by the year. | | | Hiring by the season. | | | | | |
| | 1902 | 1906 | 1909 | 1902 | 1906 | 1909 | 1902 | 1906 | 1909 |
| Maine | $9.82 | $12.25 | $12.59 | $11.00 | $13.47 | $14.09 | $0.69 | $0.89 | $0.88 |
| New Hampshire | 12.36 | 13.33 | 14.14 | 13.30 | 13.71 | 15.23 | .89 | .93 | 1.01 |
| Vermont | 11.12 | 12.20 | 12.50 | 12.15 | 13.51 | 12.80 | .80 | .91 | .95 |
| Massachusetts | 11.96 | 14.15 | 14.67 | 12.98 | 15.03 | 16.50 | .86 | 1.02 | 1.20 |
| Rhode Island | 12.51 | 13.24 | 11.17 | 13.47 | 15.26 | 16.17 | .84 | 1.00 | 1.29 |
| Connecticut | 11.83 | 13.32 | 14.29 | 12.91 | 14.71 | 15.21 | .81 | .94 | 1.11 |
| New York | 10.23 | 12.14 | 11.91 | 11.46 | 13.44 | 13.78 | .79 | .91 | .95 |
| New Jersey | 10.61 | 12.66 | 11.99 | 11.59 | 13.79 | 13.85 | .90 | .97 | .99 |
| Pennsylvania | 8.29 | 10.06 | 9.56 | 9.48 | 11.09 | 11.16 | .65 | .75 | .78 |
| Delaware | 7.17 | 8.19 | 8.59 | 8.06 | 8.37 | 9.85 | .66 | .75 | .78 |
| Maryland | 6.02 | 7.34 | 7.87 | 6.80 | 8.10 | 8.86 | .51 | .62 | .64 |
| Virginia | 4.86 | 6.59 | 6.15 | 5.70 | 7.78 | 7.44 | .38 | .50 | .52 |
| West Virginia | 6.83 | 8.49 | 7.71 | 7.56 | 9.52 | 9.03 | .50 | .65 | .58 |
| North Carolina | 5.10 | 7.02 | 6.76 | 5.91 | 7.87 | 8.05 | .36 | .52 | .50 |
| South Carolina | 5.19 | 6.68 | 6.40 | 5.87 | 7.58 | 7.57 | .38 | .50 | .50 |
| Georgia | 5.79 | 7.90 | 6.98 | 6.54 | 8.85 | 8.09 | .41 | .58 | .54 |
| Florida | 7.97 | 11.45 | 9.16 | 9.50 | 12.29 | 11.33 | .58 | .76 | .71 |
| Ohio | 8.29 | 10.17 | 9.83 | 9.52 | 11.30 | 11.41 | .64 | .75 | .79 |
| Indiana | 7.65 | 9.73 | 9.17 | 8.61 | 10.92 | 10.61 | .56 | .70 | .70 |
| Illinois | 9.53 | 11.47 | 12.25 | 10.28 | 12.44 | 13.61 | .69 | .83 | .86 |
| Michigan | 9.07 | 10.75 | 10.65 | 9.91 | 11.86 | 12.26 | .70 | .82 | .86 |
| Wisconsin | 9.68 | 11.85 | 11.50 | 10.58 | 12.86 | 12.77 | .71 | .83 | .82 |
| Minnesota | 10.48 | 12.28 | 12.20 | 11.85 | 13.77 | 13.86 | .76 | .88 | .88 |
| Iowa | 10.64 | 12.33 | 13.23 | 11.47 | 13.33 | 14.88 | .73 | .85 | .89 |
| Missouri | 7.54 | 9.76 | 9.27 | 8.37 | 10.75 | 10.64 | .52 | .63 | .64 |
| North Dakota | 12.51 | 15.39 | 14.97 | 14.42 | 17.61 | 17.65 | .91 | 1.06 | 1.05 |
| South Dakota | 12.22 | 14.64 | 14.24 | 13.35 | 16.05 | 16.31 | .86 | .99 | 1.02 |
| Nebraska | 10.72 | 13.54 | 13.95 | 12.05 | 14.85 | 15.62 | .74 | .93 | .95 |
| Kansas | 9.69 | 12.22 | 12.86 | 10.98 | 13.36 | 14.88 | .68 | .84 | .90 |
| Kentucky | 5.70 | 7.97 | 7.01 | 6.54 | 8.88 | 8.20 | .46 | .58 | .57 |
| Tennessee | 5.09 | 7.42 | 6.47 | 5.72 | 8.47 | 7.98 | .42 | .55 | .55 |
| Alabama | 6.37 | 8.05 | 6.76 | 7.22 | 9.01 | 7.79 | .47 | .63 | .52 |
| Mississippi | 6.23 | 8.86 | 7.55 | 7.15 | 9.73 | 9.12 | .48 | .67 | .61 |
| Louisiana | 7.89 | 8.88 | 7.52 | 9.09 | 9.46 | 9.13 | .56 | .67 | .64 |
| Texas | 9.14 | 10.81 | 10.37 | 10.30 | 12.25 | 12.73 | .59 | .76 | .76 |
| Oklahoma | 9.16 | 12.72 | 11.34 | 10.02 | 14.03 | 13.53 | .61 | .85 | .81 |
| Arkansas | 6.80 | 8.94 | 7.85 | 7.68 | 9.75 | 9.70 | .51 | .64 | .64 |
| Montana | 20.02 | 25.33 | 23.33 | 21.62 | 27.63 | 24.33 | 1.08 | 1.35 | 1.38 |
| Wyoming | 20.00 | 21.84 | 17.25 | 21.57 | 24.98 | 20.79 | .97 | 1.19 | 1.23 |
| Colorado | 15.95 | 20.05 | 17.85 | 17.32 | 22.26 | 20.95 | .92 | 1.10 | 1.10 |
| New Mexico | 15.28 | 17.46 | 15.35 | 16.04 | 19.35 | 16.80 | .77 | .91 | .91 |
| Arizona | 18.03 | 21.83 | 17.57 | 19.04 | 24.86 | 18.95 | .96 | 1.03 | .85 |
| Utah | 11.01 | 16.41 | 16.00 | 12.37 | 16.07 | 19.50 | .72 | .85 | 1.12 |
| Nevada | 22.17 | 31.59 | 25.00 | 27.86 | 35.21 | 30.00 | 1.16 | 1.61 | 1.50 |
| Idaho | 16.36 | 19.74 | 17.93 | 17.07 | 22.45 | 19.90 | .88 | 1.08 | 1.07 |
| Washington | 15.42 | 19.59 | 18.00 | 17.93 | 21.54 | 20.73 | .94 | 1.09 | 1.20 |
| Oregon | 13.71 | 18.29 | 16.68 | 15.31 | 20.97 | 19.19 | .85 | 1.06 | 1.07 |
| California | 20.85 | 24.65 | 21.54 | 23.45 | 27.88 | 24.88 | 1.05 | 1.23 | 1.24 |
| Geographic division: | | | | | | | | | |
| North Atlantic | 9.92 | 11.74 | 11.59 | 11.08 | 12.89 | 13.24 | .75 | .87 | .92 |
| South Atlantic | 5.66 | 7.52 | 6.99 | 6.47 | 8.47 | 8.25 | .42 | .56 | .54 |
| North Atlantic | 9.28 | 11.34 | 11.38 | 10.30 | 12.48 | 12.95 | .67 | .80 | .82 |
| South Central | 7.05 | 9.18 | 8.22 | 7.97 | 10.25 | 9.92 | .51 | .66 | .64 |
| Western | 16.91 | 20.94 | 18.74 | 18.78 | 23.36 | 21.55 | .93 | 1.11 | 1.16 |
| United States | 8.69 | 10.80 | 10.39 | 9.71 | 11.95 | 12.02 | .62 | .76 | .77 |

TABLE 37.—*Average wage rates of domestic labor of women on farms, by States, 1909. Comparison of counties containing cities of more than 25,000 population with rest of State.*

| State. | Rate per month, hiring by the year. | | Rate per month, hiring by the season. | | Rate per day for day labor. | |
|---|---|---|---|---|---|---|
| | City counties. | Rest of State. | City counties. | Rest of State. | City counties. | Rest of State. |
| Main | $13.50 | $12.53 | $13.50 | $14.13 | $0.00 | $0.87 |
| New Hampshire | 12.00 | 14.31 | 12.00 | 15.50 | 1.00 | 1.01 |
| Vermont | .00 | 12.50 | .00 | 12.80 | .00 | .95 |
| Massachusetts | 14.60 | 15.00 | 16.80 | 15.00 | 1.12 | 1.50 |
| Rhode Island | 11.50 | 11.00 | 13.50 | 17.50 | 1.12 | 1.38 |
| Connecticut | 14.25 | 14.35 | 14.62 | 14.67 | 1.06 | 1.17 |
| New York | 11.61 | 11.97 | 13.28 | 13.87 | .95 | .95 |
| New Jersey | 13.17 | 11.80 | 14.81 | 13.68 | .93 | 1.00 |
| Pennsylvania | 9.39 | 9.63 | 10.67 | 11.37 | .79 | .77 |
| Delaware | 10.17 | 6.70 | 11.50 | 7.38 | .81 | .75 |
| Maryland | 10.31 | 7.38 | 11.71 | 8.50 | .70 | .63 |
| Virginia | 8.00 | 6.14 | 7.75 | 7.44 | .57 | .51 |
| West Virginia | 10.00 | 7.69 | 10.00 | 9.02 | .75 | .58 |
| North Carolina | .00 | 6.76 | .00 | 8.05 | .00 | .50 |
| South Carolina | 6.67 | 6.40 | 7.00 | 7.58 | .62 | .50 |
| Georgia | 8.25 | 6.96 | 8.25 | 8.09 | .58 | .54 |
| Florida | 9.00 | 9.17 | 12.00 | 11.32 | .75 | .71 |
| Ohio | 10.49 | 9.75 | 12.47 | 11.30 | .92 | .78 |
| Indiana | 9.67 | 9.13 | 11.50 | 10.55 | .75 | .70 |
| Illinois | 12.29 | 12.24 | 14.51 | 13.53 | .92 | .85 |
| Michigan | 11.15 | 10.60 | 11.87 | 12.30 | .89 | .86 |
| Wisconsin | 11.64 | 11.50 | 13.50 | 12.74 | .86 | .82 |
| Minnesota | 13.50 | 12.19 | 20.00 | 13.83 | 1.25 | .88 |
| Iowa | 13.62 | 13.20 | 15.85 | 14.79 | .98 | .89 |
| Missouri | 11.82 | 9.22 | 13.50 | 10.60 | .84 | .64 |
| North Dakota | .00 | 14.97 | .00 | 17.65 | .00 | 1.05 |
| South Dakota | .00 | 14.24 | .00 | 16.31 | .00 | 1.02 |
| Nebraska | 14.00 | 13.94 | 15.00 | 15.64 | .97 | .95 |
| Kansas | 12.33 | 12.87 | 18.00 | 14.87 | .94 | .90 |
| Kentucky | 9.00 | 6.97 | 10.83 | 8.13 | .78 | .56 |
| Tennessee | 7.25 | 6.43 | 8.75 | 7.94 | .53 | .55 |
| Alabama | 5.50 | 6.78 | 6.25 | 7.84 | .53 | .52 |
| Mississippi | .00 | 7.55 | .00 | 9.12 | .00 | .61 |
| Louisiana | 7.50 | 7.52 | 8.75 | 9.15 | .52 | .64 |
| Texas | 12.56 | 10.28 | 15.83 | 12.59 | .85 | .75 |
| Oklahoma | .00 | 11.34 | .00 | 13.53 | .00 | .81 |
| Arkansas | 9.00 | 7.80 | 6.00 | 9.73 | .69 | .63 |
| Montana | .00 | 23.33 | .00 | 24.33 | .00 | 1.38 |
| Wyoming | .00 | 17.25 | .00 | 20.79 | .00 | 1.23 |
| Colorado | 19.00 | 17.81 | 23.33 | 20.87 | 1.00 | 1.10 |
| New Mexico | .00 | 15.35 | .00 | 16.80 | .00 | .91 |
| Arizona | .00 | 17.57 | .00 | 18.95 | .00 | .85 |
| Utah | ..... | 16.00 | 19.00 | 19.50 | 1.25 | 1.10 |
| Nevada | .00 | 25.00 | .00 | 30.00 | .00 | 1.50 |
| Idaho | .00 | 17.93 | .00 | 19.90 | .00 | 1.07 |
| Washington | 19.61 | 17.79 | 21.07 | 20.67 | 1.31 | 1.19 |
| Oregon | 15.67 | 16.73 | 20.33 | 19.14 | 1.12 | 1.07 |
| California | 22.71 | 21.37 | 24.63 | 24.92 | 1.33 | 1.23 |

TABLE 38.—*Difference between hiring by the year and by the season in average wage rates of domestic labor of women on farms, per month, with board, by States and geographic divisions, 3 investigations from 1902 to 1909.*

| State and geographic division. | 1902 | 1906 | 1909 | State and geographic division. | 1902 | 1906 | 1909 |
|---|---|---|---|---|---|---|---|
| Maine | $1.18 | $1.22 | $1.50 | Kentucky | $0.84 | $0.91 | $1.19 |
| New Hampshire | .94 | .38 | 1.09 | Tennessee | .63 | 1.05 | 1.51 |
| Vermont | 1.03 | 1.31 | .30 | Alabama | .85 | .96 | 1.03 |
| Massachusetts | 1.02 | .88 | 1.83 | Mississippi | .92 | .87 | 1.57 |
| Rhode Island | .96 | 2.02 | 5.00 | Louisiana | 1.20 | .58 | 1.61 |
| Connecticut | 1.08 | 1.39 | .92 | Texas | 1.16 | 1.44 | 2.36 |
| New York | 1.23 | 1.30 | 1.87 | Oklahoma | .86 | 1.31 | 2.19 |
| New Jersey | .98 | 1.13 | 1.86 | Arkansas | .88 | .81 | 1.85 |
| Pennsylvania | 1.19 | 1.03 | 1.60 | Montana | 1.60 | 2.30 | 1.00 |
| Delaware | .89 | .18 | 1.26 | Wyoming | 1.57 | 3.14 | 3.54 |
| Maryland | .78 | .76 | .99 | Colorado | 1.37 | 2.21 | 3.10 |
| Virginia | .84 | 1.19 | 1.29 | New Mexico | .76 | 1.89 | 1.45 |
| West Virginia | .73 | 1.03 | 1.32 | Arizona | 1.01 | 3.03 | 1.38 |
| North Carolina | .81 | .85 | 1.29 | Utah | 1.36 | .34 | 3.50 |
| South Carolina | .68 | .90 | 1.17 | Nevada | 5.69 | 3.62 | 5.00 |
| Georgia | .75 | .95 | 1.11 | Idaho | .71 | 2.71 | 1.97 |
| Florida | 1.53 | .84 | 2.17 | Washington | 2.51 | 1.95 | 2.73 |
| Ohio | 1.23 | 1.13 | 1.58 | Oregon | 1.60 | 2.68 | 2.51 |
| Indiana | .96 | 1.19 | 1.44 | California | 2.60 | 3.23 | 3.34 |
| Illinois | .75 | .97 | 1.36 | | | | |
| Michigan | .84 | 1.11 | 1.61 | Geographic division: | | | |
| Wisconsin | .90 | 1.01 | 1.27 | North Atlantic | 1.16 | 1.15 | 1.65 |
| Minnesota | 1.37 | 1.49 | 1.66 | South Atlantic | .81 | .95 | 1.26 |
| Iowa | .83 | 1.00 | 1.65 | North Central | 1.02 | 1.14 | 1.57 |
| Missouri | .83 | .99 | 1.37 | South Central | .92 | 1.07 | 1.70 |
| North Dakota | 1.91 | 2.22 | 2.68 | Western | 1.87 | 2.42 | 2.81 |
| South Dakota | 1.13 | 1.41 | 2.07 | | | | |
| Nebraska | 1.33 | 1.31 | 1.67 | United States | 1.02 | 1.15 | 1.63 |
| Kansas | 1.29 | 1.14 | 2.02 | | | | |

## RADICAL ALTERATION OF DOMESTIC CONDITIONS.

### DECLINE OF HOUSEHOLD LABOR.

In farm household matters the situation is acute with regard to the supply of hired labor. Country girls as well as city girls, no matter how humble their lot in life, regard household labor for hire as unrespectable. Joined with this fact is the other one that the women of the farmer's family are neither able nor willing to repeat the annual labor performance of their grandmothers on the farm. Besides this, the farmer's standard of living has risen, certainly on the medium and better sort of farms in the North and West; and in a perceptible degree the women of the farmer's family have engaged in social functions which are beginning to be incompatible with the performance of household labor without the aid of a servant. The social obligations undertaken by them are for the Grange, the woman's clubs, the Maccabees, the Women's Christian Temperance Union, the local church, the farmers' clubs, and a list that might be much extended.

### DOMESTIC INDUSTRIES.

The old-time domestic industries are all but forgotten. The women of the farm make no more soap, candles, or lye, and so on with a long list of the domestic products of former days; it is rare that one of the younger of the women knows how to knit. Throughout large areas the pride of the housewife in great store of preserved, dried, and pickled fruits, berries, and vegetables exists chiefly in history, and dependence is placed mostly upon the local store for the products of the cannery and the evaporator.

## INSANITY OF FARM WOMEN.

### A PERSISTENT CALUMNY WITHOUT THE LEAST FOUNDATION.

For many years the published statement has been current that farm life has made the women of the farm especially prone to insanity. It has been represented that the solitude of the life, the drudgery, the want of variety, and what not, have created a greater percentage of insanity among farm women than among the women of any other life or occupation.

Assertions of this sort were made 15 or 20 years ago, and were accompanied with no precise statement of facts and no references to authorities or the results of investigations. Notwithstanding the loose character of these early statements, all evidently based upon a solitary origin, they have been repeated so generally and persistently that they have come to be accepted as representative of a well-known fact, and are at this day repeated by persons who ordinarily are careful and accurate in their statements, as well as by the multitude of writers and speakers who are not careful.

As soon as the reported prevalent insanity of farm women was accepted as a fact the writer of this bulletin from time to time sent many letters to editors, public speakers, and the writers of published articles, who had passed along this assertion with regard to the insanity of farm women, and asked for sources of authority; for surely there must have been a responsible writer of such a fact as this, if it were a fact. Many persons so addressed failed to respond; all others who responded confessed to repeating a similar statement emanating from irresponsible sources. The somewhat doubtful result of a large number of inquiries was that the originator of the report was a woman who was a prolific writer for the press upon domestic subjects. A letter of inquiry addressed to her brought no response.

### TESTIMONY OF AN ASYLUM SUPERINTENDENT.

So the matter rested in abeyance until a year ago, when there appeared in a periodical publication of the largest circulation an article written by a physician of national renown as a writer, in which he repeated the old assertion concerning the prevalence of insanity among the women of the farm. A letter was addressed to him, with request for the authority for his statement. His answer was that his authority was not certainly known, but that it was probably the medical superintendent of one of the State insane asylums of one of the more exclusively agricultural States of the Middle West, the State of Iowa. Still in the pursuit of the primal authority for the statement in question, a letter was addressed to that superintendent, and from him the following statement was received:

I have in my hand the biennial report of the Board of Control of the State Institution of Iowa for the period ending June 30, 1910. According to it there were remaining in the four State hospitals for the insane at that time 2,372 male patients and 1,771

female patients, and at the same time there were in the several county asylums in Iowa 1,154 insane men and 780 insane women, making a total of 1,934 demented persons in the county institutions of Iowa.

Statistics prove that the proportion of men to women who are insane in Iowa is greater than the proportion of men to women who are sane. In partial explanation of this numerical relationship between the sexes, it is possible, and even probable, that often men who are insane are more likely to be committed to the State hospital for custody and treatment than are women who are insane, because insane women can more easily be controlled by their husbands and cared for at home than insane men can be controlled by wives and other persons and be properly cared for at home.

Notwithstanding this fact, I am of the opinion that a farmer's wife is no more likely to become insane, even in pioneer days, in an agricultural State than he is. I do not believe that farmers' wives are made insane on account of social and religious deprivations, or on account of suffering hardships, all things considered, more than the housewives living in town. As the State has become more densely populated, and as the homes of farmers have been greatly improved, and now that farmers are up to date and prosperous, country life has advantages over city life.

The statement made by Dr. ——— that insanity is especially prevalent among the wives and other women of the households of farmers is much less likely to be true now than it was when Iowa and other agricultural States were new and before it was well supplied with railroads, telephones, and the daily delivery of mail. But, to get a little closer to the subject, my personal experience in investigating the causes of insanity predisposing and exciting, both mental and physical, has always brought me to the conclusion that a farmer's wife is less likely to become insane than the wife of a man who lives in the city; and I will go even further and state that a farmer's wife who is in a good physical condition and who has her husband at home with her for most of his meals and to lodge there every night, and a farmer's wife who has several healthy loving, independent, industrious, and well-behaved children, is less likely to become insane than the average club woman in town who has few children, probably none, who is giving much of her time to literary work, spending many of her evenings to a late hour in the discharge of social functions, whose husband is absent from home a good share of the time, and who perhaps is making her home in a double house, or in an apartment house, or in a large family hotel.

The more natural and healthy a life a woman leads the less likely she is to become deranged. The condition of a farmer's wife who in company with her children lives out of doors much of the time, caring for chickens and working in the garden a little with flowers and vegetables and fruits, is most favorable to her, and in such a life she is not likely to develop a mental attitude, an environment which tends toward insanity.

My opinion is the same as it was in a printed report made by me in 1901, in which I stated that in my opinion farmers and their wives and children were less likely to become insane than people living in cities. Farm life is most healthful and most independent. The domestic relations between husband and wife, also between parents and children, are most natural. The members of farmers' families have plenty to eat, plenty to do, plenty of sleep; their habits are regular and virtuous. They are less likely to become insane than people living in cities.

A calumny once uttered and oft repeated may become more persistent than a statement of fact. The evil mission of the calumny that the women of the farm are especially prone to insanity has counted against the desirability of farm life for women in popular estimation. An intelligent public should no longer accept and repeat the idle words of a penny-a-liner who belies the women of the farm without the support of any fact or authority.

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